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TRENDS IN WORLD GRAIN PRODUCTION

1960 TO 1972

Area • Production • Yield

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FOREWORD

Developments in the world grain economy in the 1972-73 season have brought renewed worldwide attention to food supply conditions and the influence of weather variations. World grain production dropped in 1972, and while much of this was due to an extraordinary decline in Russian grain production, there have also been significant interruptions of upward trends in grain output in other areas of the world.

Among the questions most commonly raised in the wake of recent world grain supply developments are (1) whether the so-called green revolution begun in the late 1960's is slowing down, (2) whether unusual extremes of weather are the sole explanation for this past year's crop downturn, and (3) whether the rate of long-term growth in world grain output may be changing.

This report presents and analyzes some of the essential data relating to such questions. Graphic illustrations and a variety of country groupings are used to summarize what appear to be the most significant aspects of year-to-year development of world grain production patterns over the past 13 years. Analysis has focused mainly on the broad impressions derived from study of the graphic presentations and the summary tables showing aggregates for country groupings.

Data on rice production are not included in this report; these appeared in another recent report, FAS-M-246, August 1972. Current-year world production estimates, showing complete country-by-country detail, are regularly published three times each year for wheat, rye, and corn, and twice yearly for barley, oats, and rice in the grain series of Foreign Agriculture circulars. This information is also found in the monthly *World Agricultural Production and Trade: Statistical Report*. In addition, a Special Supplement to the World Agricultural Situation, concentrating upon the world grain situation, was published jointly by the Economic Research Service and the Foreign Agricultural Service in October 1972; the main estimates contained in that report have since been updated twice through Foreign Agriculture Grain Circulars FG 15-72 and FG 1-73.

Richard E. Bell
Director, Grain and Feed Division

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LONG-TERM TRENDS AND PATTERNS OF WORLD GRAIN PRODUCTION[1]

World grain output has been rising at a rate of roughly 2 percent annually over the 13-year period reviewed in this report. The total volume of world output of all grains, including wheat, rye, corn, barley, oats, and grain sorghum, is currently about 830 million metric tons. The wheat portion of total world grain output has been increasing slightly, and currently is about two-fifths.

For aggregate world grain output, year-to-year fluctuations are relatively small, normally within a range of less than 5 percent above or below the long-term trend. This suggests that in most years there is a tendency for bumper crop outturns occurring in some areas of the world to be offset by relatively poor crops in other geographic areas. This pattern may be changing somewhat, however, in that abnormally wide deviations from trend have occurred in 2 of the past 3 years.

Relative to the volume of output, there is larger yearly fluctuation in world production of wheat than of coarse grains. Although world coarse grain output is about 70 percent greater than wheat output, variations in wheat production make up well over half of the yearly fluctuation in world output of total grains.

Relative Importance of Area and Yield

During the years covered by this report, yield has been by far the most important factor in explaining long-term developments in world grain output. Area has risen only about 2 percent over the 13-year period while yield has risen by about 40 percent.

The trend in area is somewhat obscured by the fact that major programs for temporary retirement of grain cropland have been in effect in the United States throughout the entire period. Under the influence of these programs, grain area in the United States—approximately one-eighth of the World total—has trended generally downward; this is contrary to the trend for most other areas of the world. The operation of cropland retirement programs in the United States has involved some rather wide year-to-year adjustments over the period under review, and these have also obscured the general pattern of worldwide grain area trends.

When the United States is excluded, the total grain area of all foreign countries showed a small increase in the early 1960's. This has since appeared to level off. Within the "all foreign" segment, much of the change in area in recent years is in Australia, Argentina, and Canada. These countries experienced significant overall expansion of cropland area during the period of 1960 to 1968 and in all cases there has been a slight dropoff in recent years; in Canada, grain area was curtailed sharply in 1970 by 1-year program aimed at bringing grain production into line with demand.

So far as yield is concerned, the rate of annual increase in the United States is somewhat larger than that of the total of all foreign areas. Grain yield in the United States appears to have risen at an annual rate of almost 4 percent in the period under review, and the aggregate yield for all foreign areas appears to have risen about 2.5 percent.

So far as absolute yield levels are concerned, grain yields in the United States continue to be well above the average for the rest of the world. For the aggregate of total grains, recognizing that factors such as proportions of individual grains and the percentage of irrigated area have an important bearing, the average yield for the United States is currently more than double that for the rest of the world.

Unusually sharp deviations from the world long-term yield trends occurred in both 1970 and 1972. A sharply lower yield in 1970 was mainly due to the impact of corn blight in the United States. The drop experienced in 1972 was due to lower yields in foreign countries and was the sharpest reduction that had occurred during the entire period under review.

There are also some significant differences between wheat and other grains in the relative importance of area and yield. For example, whereas overall yield increases have been slightly more rapid for the United States than for the aggregate of all foreign countries, in the case of wheat, yield increase has been slightly lower for the United States than that for all foreign countries. Thus, in the coarse grains sector,

[1] Statistical presentations and analysis for this report were prepared by Ansel S. Wood, Agricultural Economist, Commodity Analysis Branch, Grain Division, FAS.

overall foreign yields have tended to lag behind those of the United States; detailed review shows, moreover, that most of this lag is due to sharp increases in United States corn yields.

Corn weighs heavily in the aggregate United States yield, since corn accounts for about four-fifths of total United States coarse grain output and almost two-thirds of total United States output of all grains. In foreign countries, corn accounts for only about two-fifths of total coarse grain output and, with the exception of parts of Western Europe, corn yield increases have generally been (1) far less rapid than in the United States, and (2) not significantly greater than yield increases for other grains.

Another significant contrast between coarse grains and wheat is that, among foreign countries, coarse grain area has tended to move quite consistently upward, and with very slight year-to-year changes, whereas wheat area has shown considerable irregularity. Despite the gradual increase in coarse grain area among foreign countries, the relatively low rate of yield growth for coarse grains compared with wheat has tended to give wheat a slightly increasing share of total foreign grain output over the period under review.

Comparison of Yields—Levels and Growth Rates

Review of wheat, barley, and corn yields for the 1960-1972 period indicates that one of the most striking features is the high level and relatively rapid growth of corn yields in both the United States and Western Europe. Another dominant feature is that yield increases for all of the grains appear to have been more rapid in the European Community than for other areas, including the United States. In fact, the United Kingdom and the European Community differ sharply in yield changes for both wheat and barley, possibly reflecting differences in levels of protection for domestic grain production, or changes in such protection, which evolved during the 1960-72 period.

Grain Production Changes Among Different Trade Groupings

By dividing the world into several broad segments according to grain trading position or significance, a number of additional observations can be made.

In the "major competing countries"—Argentina, Australia and Canada—wheat accounted for over 60 percent of total grain area during most of the 1960's. However, because of surplus world wheat stocks, the area in wheat declined sharply in 1969 and 1970 to a low of 44 percent. Among other major trading areas outside the United States, the wheat portion of total grain output has been quite stable, but in the remainder of the world - mainly the less developed countries - the wheat proportion declined gradually from 1960 to 1966, and has since increased again rather steadily.

Within these country groupings, the largest volume of increase in total grain output during the period under review has been accounted for by the "other major trading areas",—Europe, USSR, Mainland China, and Japan. For Eastern Europe and the USSR, which make up slightly over half of the total of this grouping, grain output has risen by roughly one-third during the period under review. For Western Europe, which accounts for about one-third of the total for this group, grain production has risen by a similar margin, although a large portion of the increase has been confined to the six countries making up the original European Community. For Mainland China, the increase in total grain output appears to have been slightly less than that for Europe and the USSR, while grain output in Japan, has been declining steadily.

For the "major competing exporters" group, an increasing trend was evident for the approximate period 1960-66, but there has been no significant further expansion. There have been frequent shifts toward greater or lesser proportions of wheat as opposed to coarse grains throughout the past 13 years, but since 1966 the total volume of output for all grains has been generally unchanged. These three countries account for approximately 8 percent of total world grain output as compared with over one-fourth of the world total in the case of the United States.

The remaining group of countries, entitled "all other" on the accompanying graphic illustrations, which excludes the United States, the "major competing exporters", and the "other major trading areas", consists essentially of the countries of Africa, Latin America, and Asia. This group is of particular interest since it includes most of what are commonly referred to as the less developed countries. Total grain output in this group makes up about 20 percent of the world total. Expansion of output within this group has been due about equally to both area and yield increases.

For the 13-year period as a whole, output has increased by roughly the same proportion in this areas as it has in the "major trading areas" group, but it may be significant that virtually all of this expansion occurred during the period 1960-68. Since 1968, there has been some leveling off in the trend, due mainly to a lack of further area increase. It is possible that some slow down in yield increases among this group of countries has also occurred, but this is not yet clearly evident.

NOTES TO CHARTS AND TABLES

1. Production years shown throughout this report refer to the year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere during the calendar year listed is actually combined with the Southern Hemisphere crop which is harvested either later in the same calendar year, or in the case of corn and sorghum, early in the following calendar year. This note is of particular importance because of the tendency for misunderstanding when alternatively referring to production years or marketing years. For example, the South African corn crop listed under the world production year 1971 is actually the crop harvested in May 1972 and marketed during the South African marketing year 1972/73.

2. All data for grain area represent harvested rather than planted area, wherever possible.

3. Data for "EC", i.e. European Community, represent totals for the original six member countries.

4. Data for the USSR are expressed in terms of estimated "storable" or "net grain" as opposed to the "gross weight" or "bunker weight" terms used in official Soviet statistics.

5. The basic source of data in this report is the latest official statistics released by the governments of the countries concerned. Other sources include reports of international organizations such as FAO, reports from United States Agricultural Attache offices, and information from trade reports and other unofficial sources.

6. Conversion factors which may be helpful with the data in this report are:

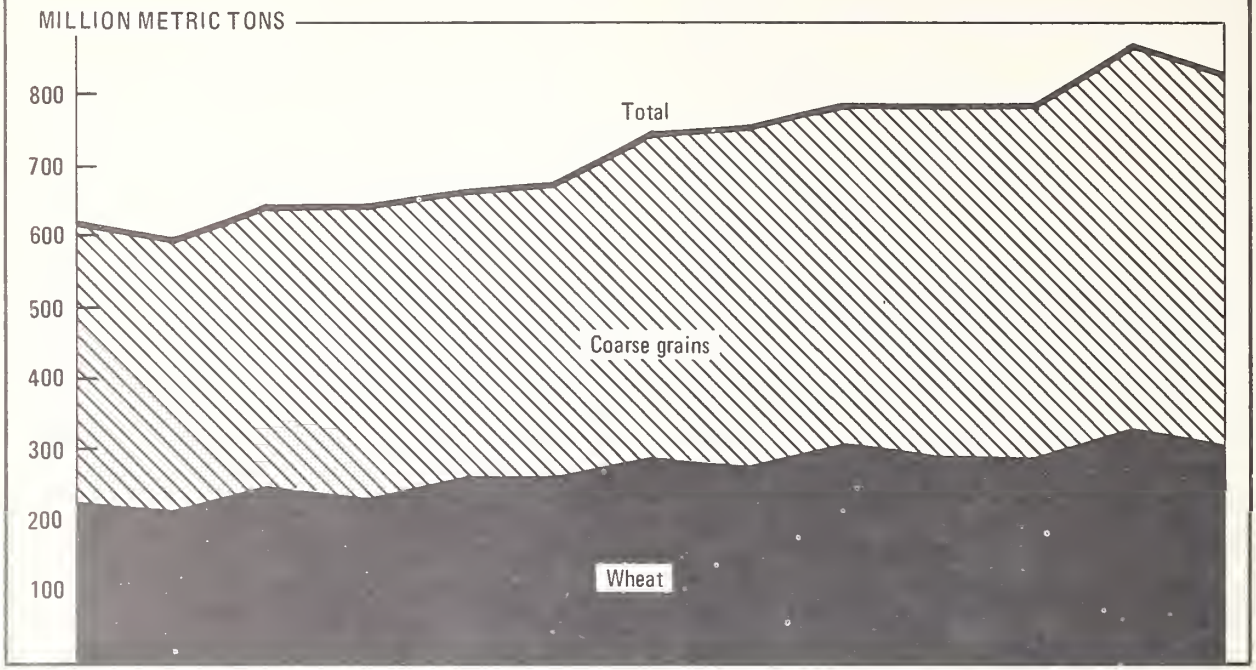
   a. For harvested area: 1 hectare = 2.471 acres; 1 acre = 0.40469 hectare

   b. For yield: 1 metric quintal per hectare = 1.4870 bushels per acre for wheat, 1.5932 bushels per acre for corn, rye or sorghum; 1.8587 bushels per acre for barley, and 2.7881 bushels per acre for oats

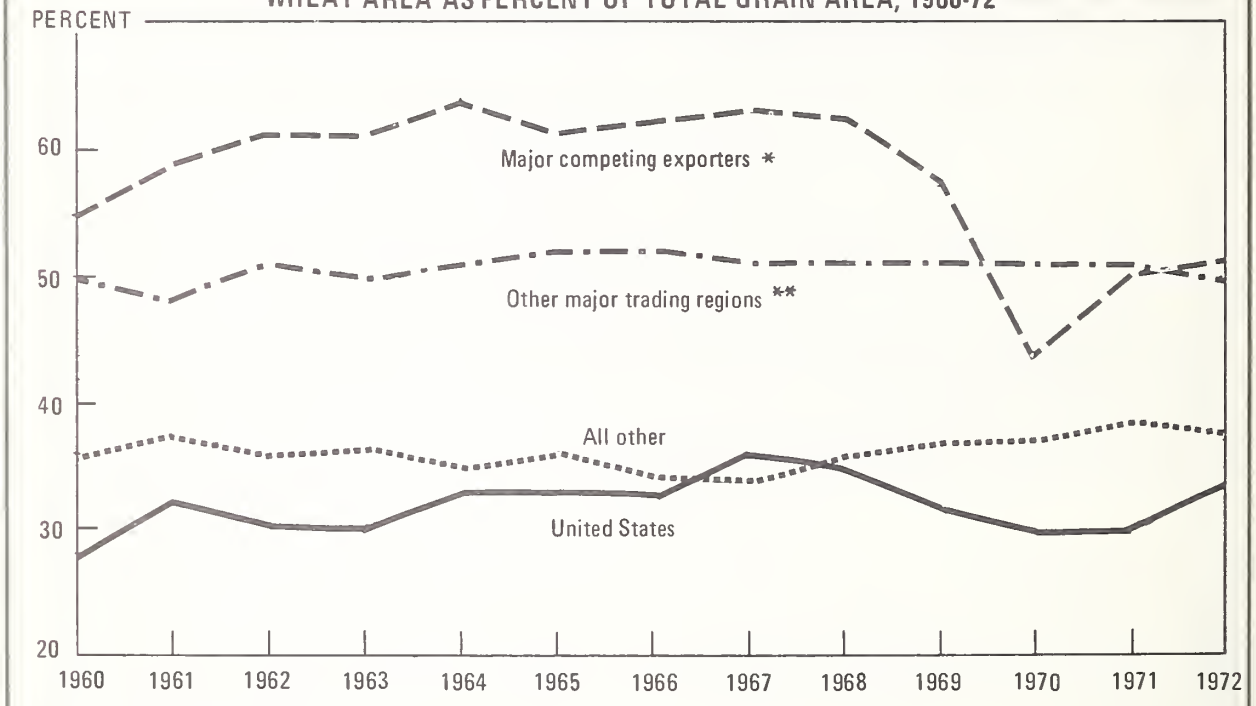
   c. For total production: 1 metric ton = 36.7437 bushels for wheat, 39.368 bushels for corn, grain sorghum or rye; 45.9296 bushels for barley, and 68.8944 bushels for oats.

   d. For converting U.S. domestic and metric weights: 1 metric ton = 2204.622 pounds; 1 metric ton = 1.102311 short tons; 1 metric ton = 0.984206 long tons

WORLD GRAIN PRODUCTION, 1960-72

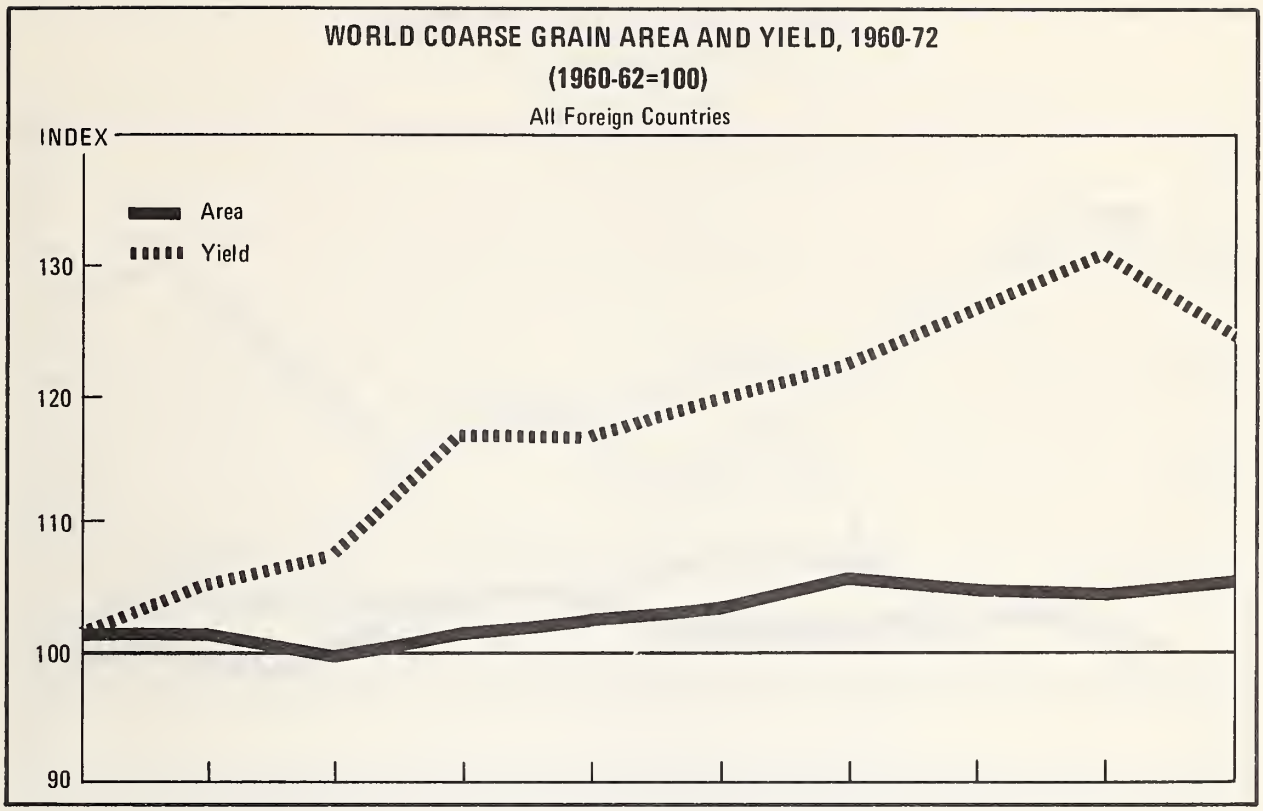


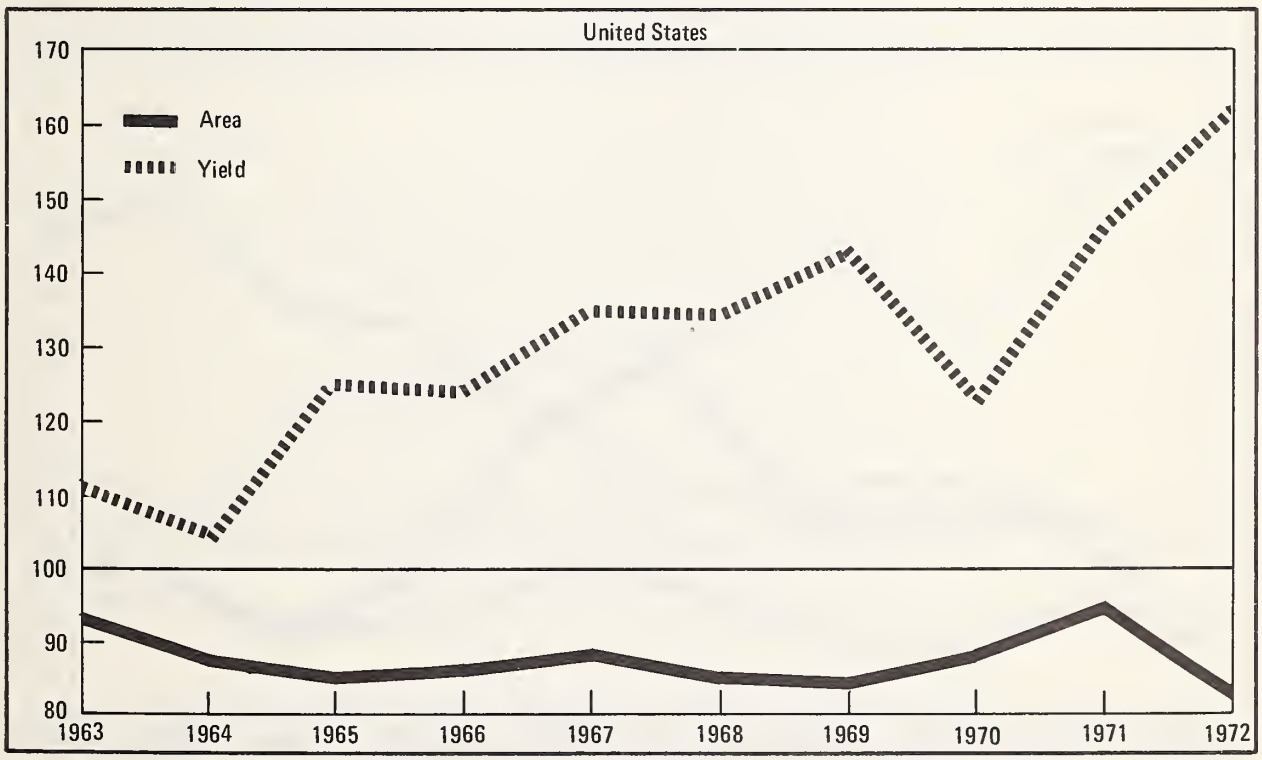
WHEAT AREA AS PERCENT OF TOTAL GRAIN AREA, 1960-72

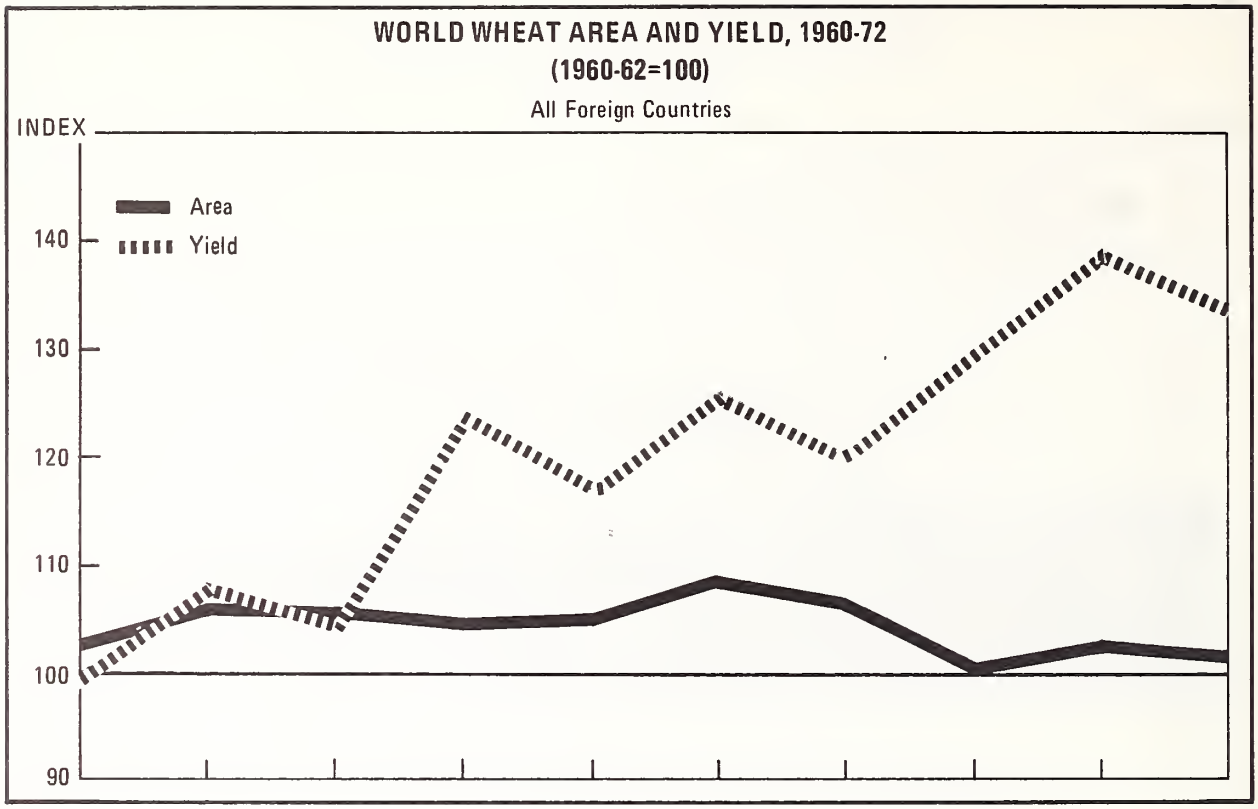


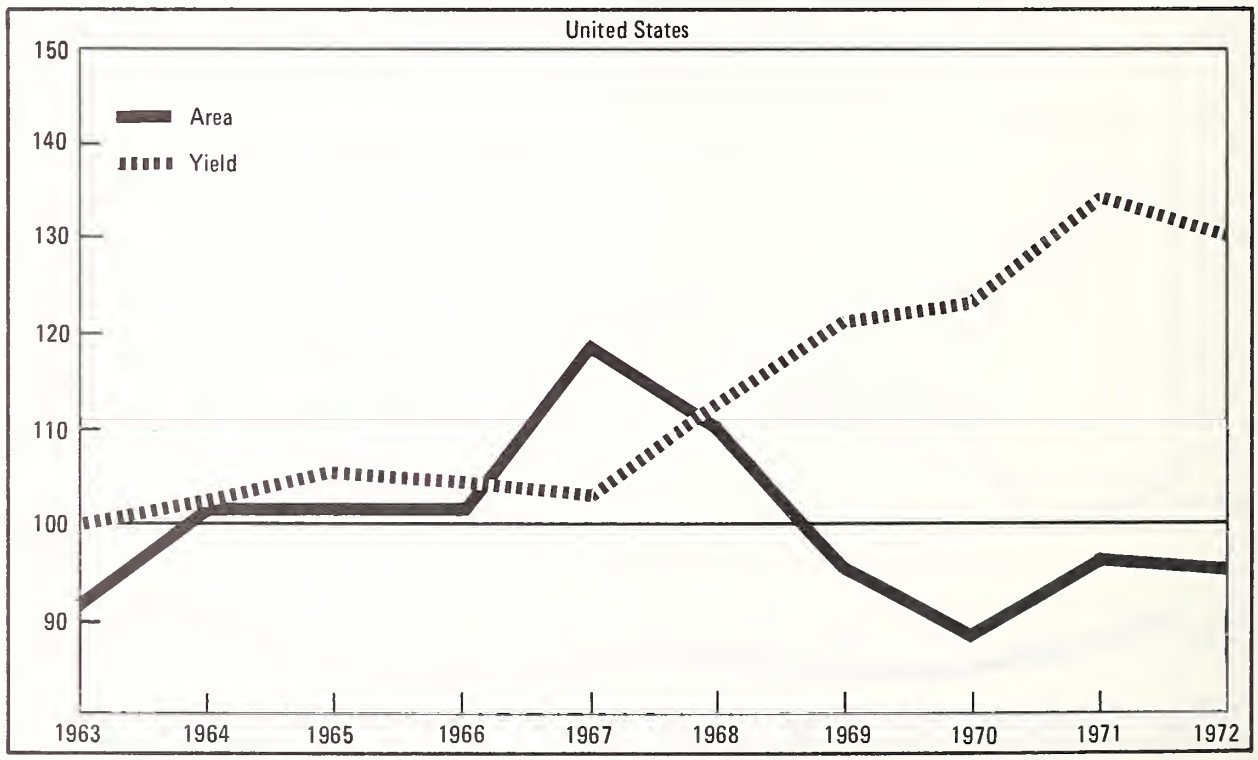
* Canada, Australia, Argentina.

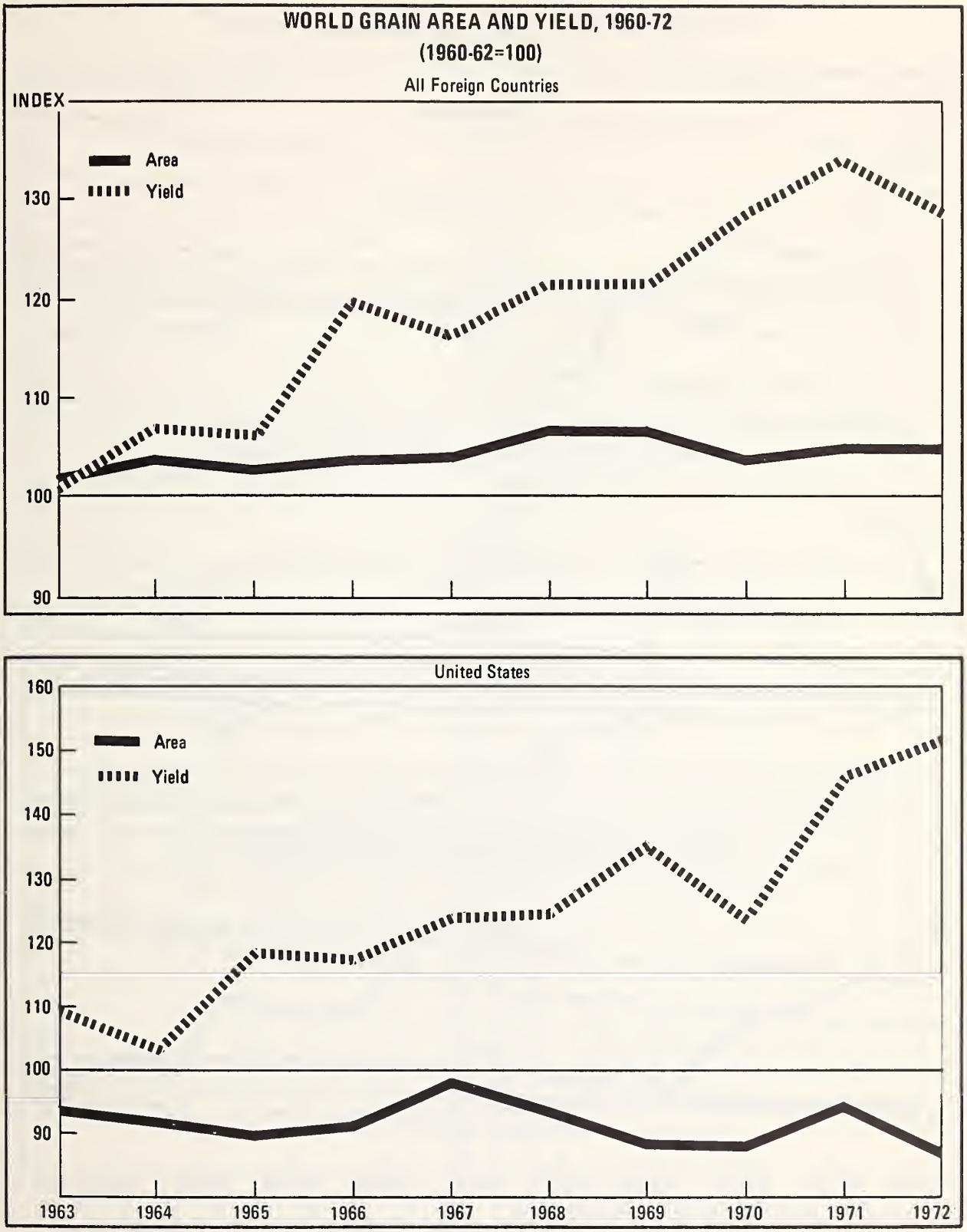
** EC, other Western Europe, Eastern Europe, USSR, People's Republic of China, Japan.

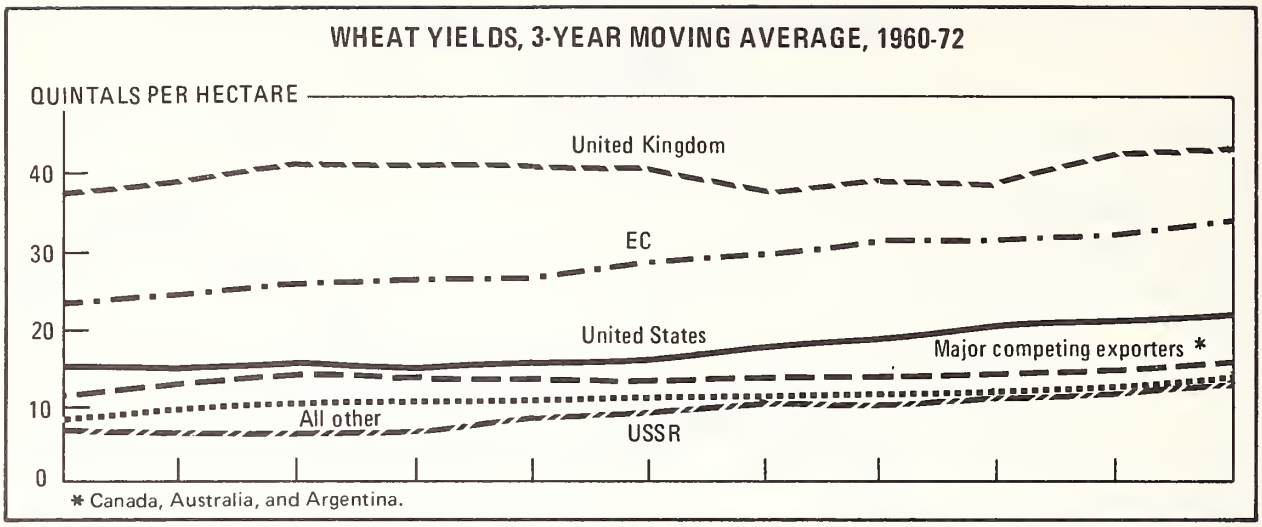

WORLD COARSE GRAIN AREA AND YIELD, 1960-72
(1960-62=100)
All Foreign Countries
INDEX
Area
Yield
130
120
110
100
90

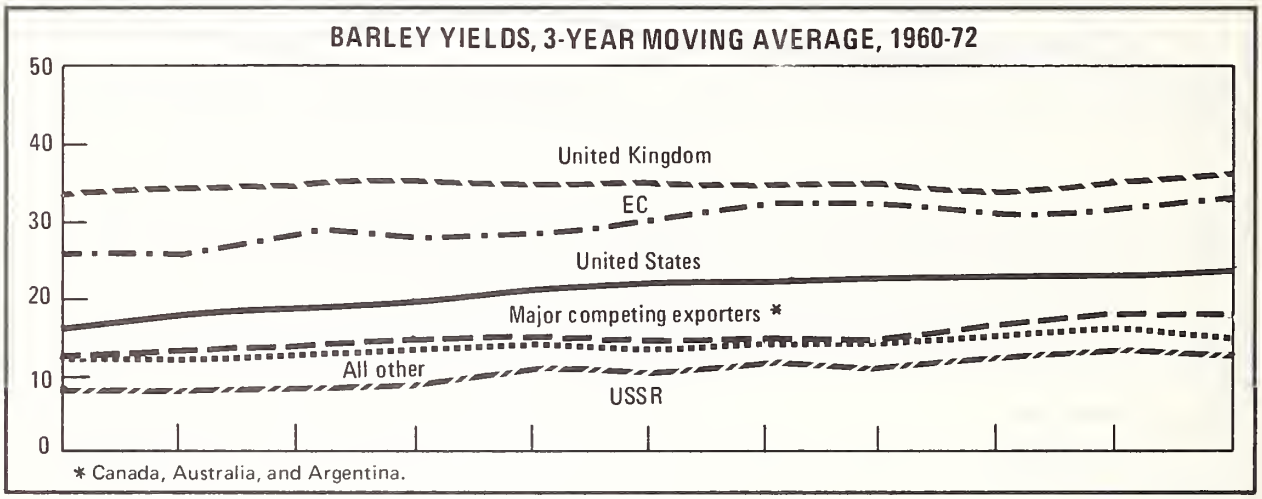

United States
Area
Yield
170
160
150
140
130
120
110
100
90
80
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972

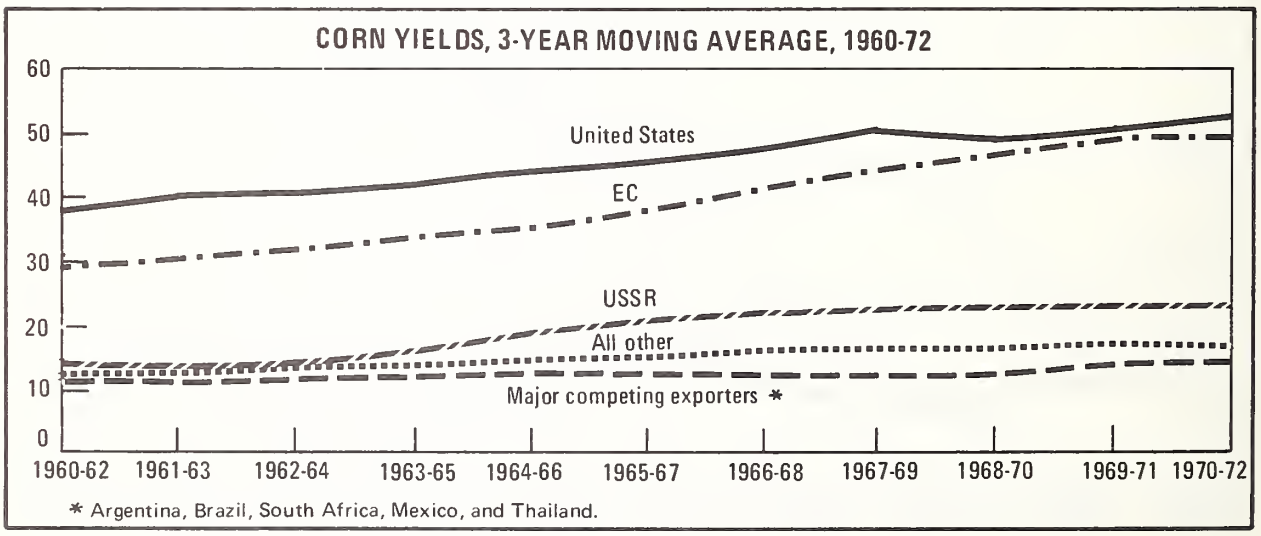

WORLD WHEAT AREA AND YIELD, 1960-72
(1960-62=100)
All Foreign Countries
INDEX
Area
Yield
140
130
120
110
100
90


United States
Area
Yield
150
140
130
120
110
100
90
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972

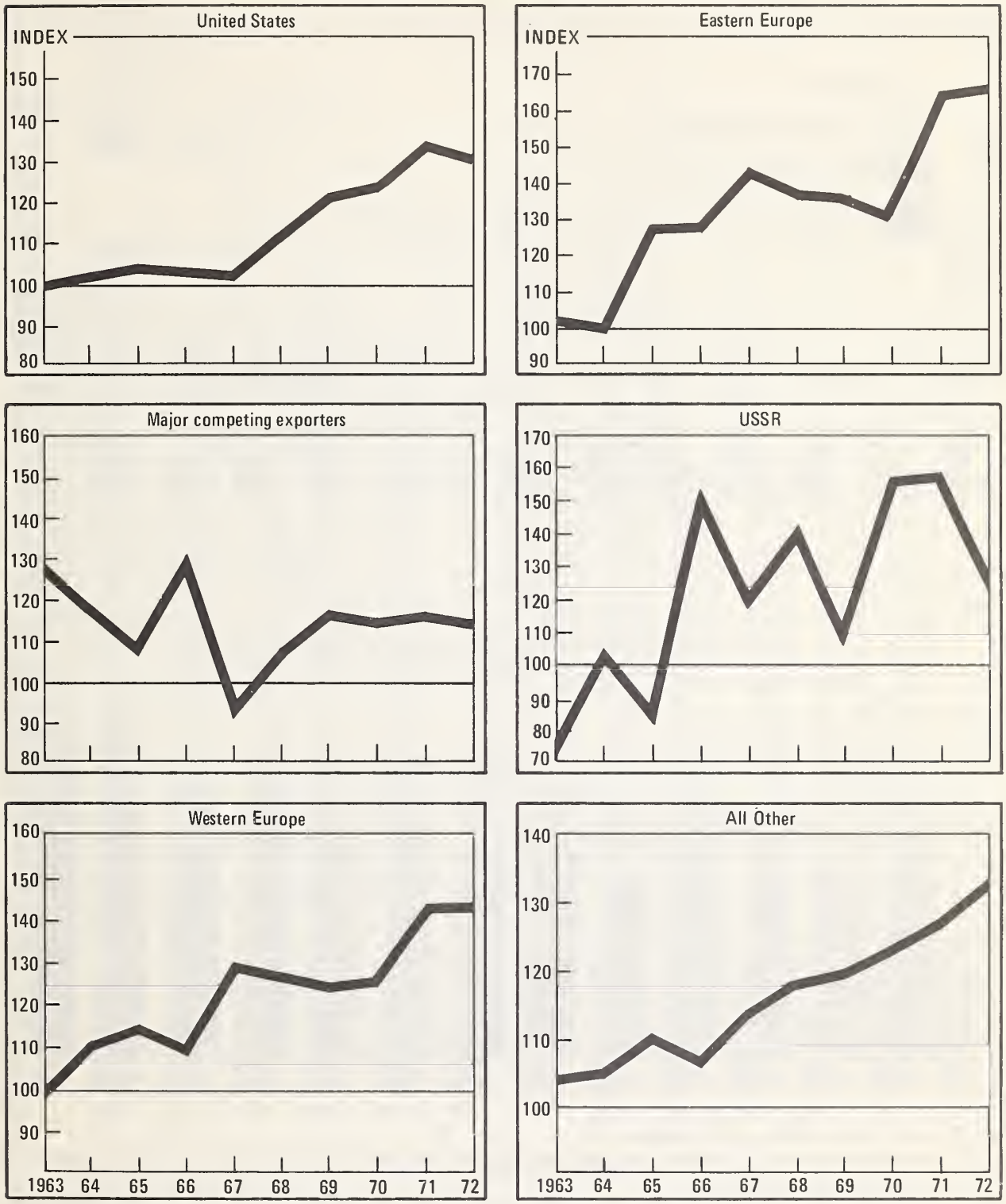

WORLD GRAIN AREA AND YIELD, 1960-72
(1960-62=100)
All Foreign Countries
INDEX
Area
Yield
130
120
110
100
90
United States
160
150
140
130
120
110
100
90
Area
Yield
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972


WHEAT YIELDS, 3-YEAR MOVING AVERAGE, 1960-72
QUINTALS PER HECTARE
United Kingdom
EC
United States
Major competing exporters *
All other
USSR
0
10
20
30
40
* Canada, Australia, and Argentina.

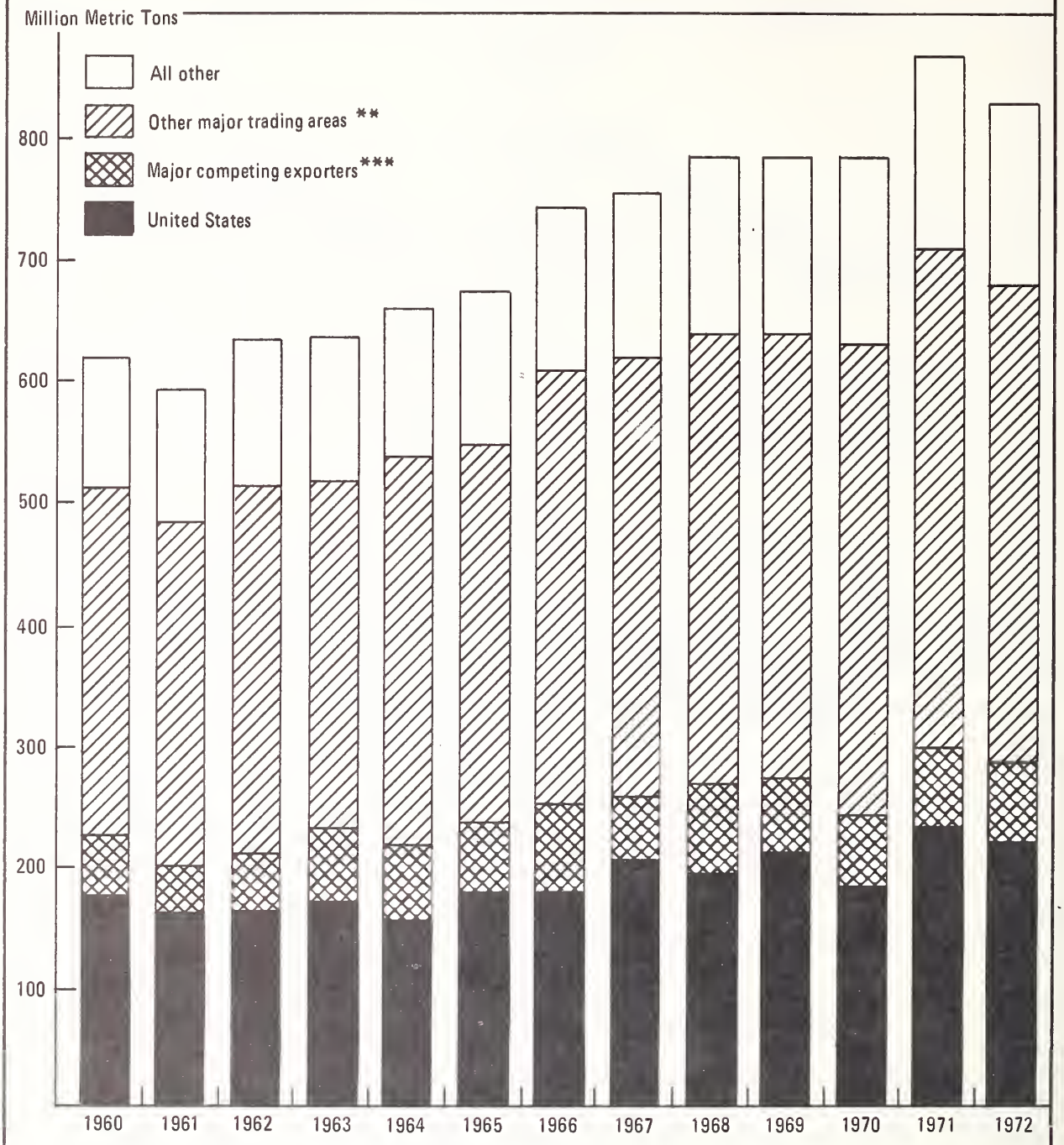

BARLEY YIELDS, 3-YEAR MOVING AVERAGE, 1960-72
United Kingdom
EC
United States
Major competing exporters *
All other
USSR
0
10
20
30
40
50
* Canada, Australia, and Argentina.


CORN YIELDS, 3-YEAR MOVING AVERAGE, 1960-72
United States
EC
USSR
All other
Major competing exporters *
0
10
20
30
40
50
60
1960-62
1961-63
1962-64
1963-65
1964-66
1965-67
1966-68
1967-69
1968-70
1969-71
1970-72
* Argentina, Brazil, South Africa, Mexico, and Thailand.

WHEAT YIELD VARIATIONS, BY MAJOR PRODUCING AREAS
(1960-62=100)



ALL GRAINS:* PRODUCTION, BY TRADING AREAS, 1960-72

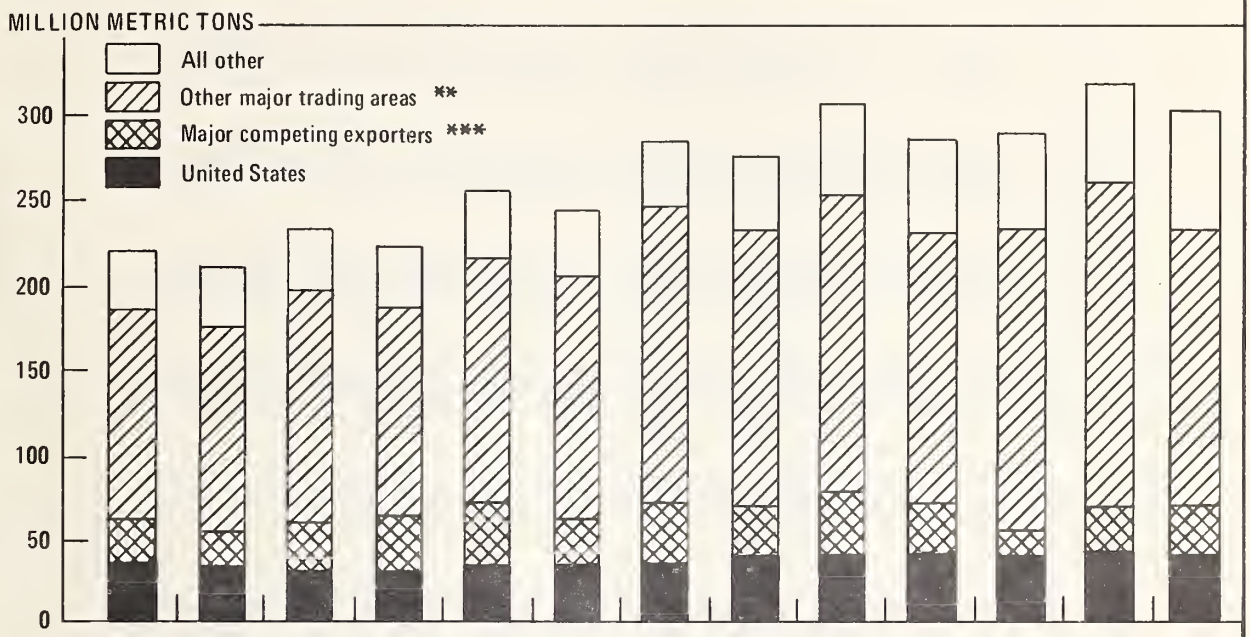


* Wheat, rye, barley, oats, corn, and sorghum.

** EC, other Western Europe, Eastern Europe, USSR, Mainland China, and Japan.

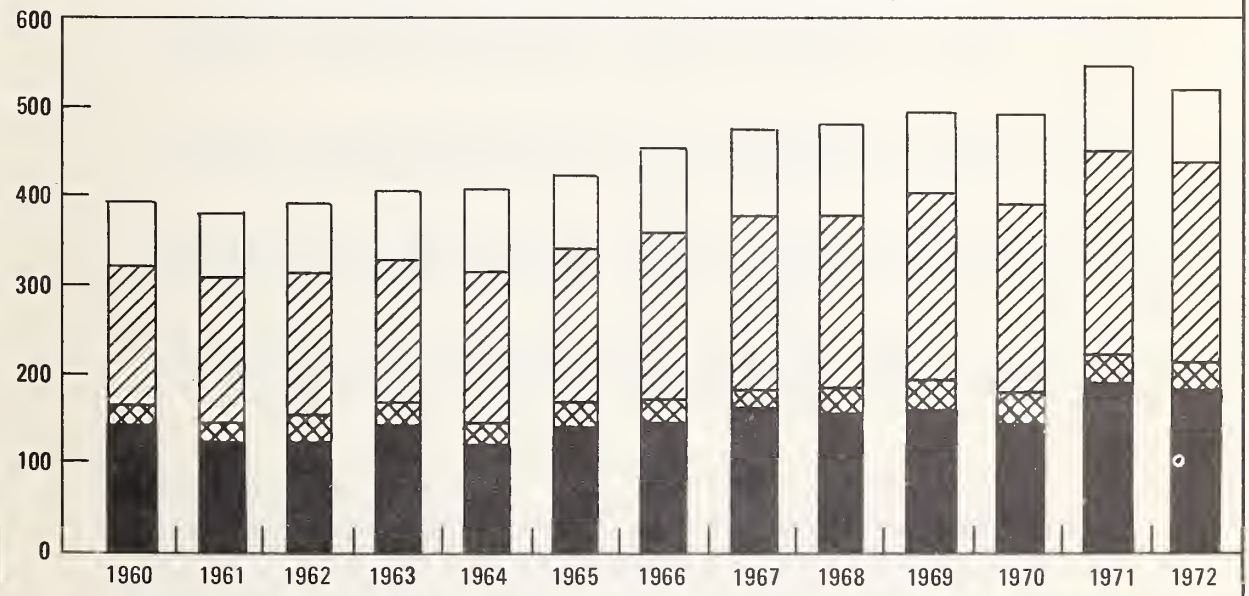
*** Canada, Australia, and Argentina.

WHEAT; PRODUCTION, BY TRADING AREAS, 1960-72



** EC, other Western Europe, Eastern Europe, USSR, Mainland China and Japan.
*** Canada, Australia, and Argentina.

COARSE GRAINS;* PRODUCTION, BY TRADING AREAS, 1960-72



* Rye, barley, oats, corn, and sorghum.
** EC, other Western Europe, Eastern Europe, USSR, Mainland China, and Japan.
*** Canada, Australia, and Argentina.

Table 1.-- WHEAT: Area, production and yield in specified countries, year of harvest 1/ 1960 to 1971

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
North America:													
Canada													
Area	1,000 ha.	9,931	10,245	10,853	11,156	12,014	11,453	12,016	12,190	11,907	10,104	5,052	7,854
Production	1,000 m.t.	14,108	7,713	15,392	19,689	16,341	17,674	22,516	16,137	17,685	18,623	9,024	14,412
Yield	Q./ha.	14.2	7.5	14.2	17.6	13.6	15.4	18.7	13.2	14.9	18.4	17.9	18.3
Guatemala													
Area	1,000 ha.	31	34	39	35	45	25	32	36	34	30	40	43
Production	1,000 m.t.	21	25	32	27	29	33	37	32	33	28	30	37
Yield	Q./ha.	6.8	7.4	8.2	7.7	6.4	13.2	11.6	8.9	9.7	9.3	7.5	8.6
Mexico													
Area	1,000 ha.	840	837	748	819	816	847	727	751	696	715	715	640
Production	1,000 m.t.	1,190	1,402	1,455	1,703	1,800	2,088	1,612	2,060	1,766	2,100	2,200	1,900
Yield	Q./ha.	14.2	16.8	19.5	20.8	22.1	24.7	22.2	27.4	25.4	29.4	30.8	29.7
United States													
Area	1,000 ha.	20,995	20,871	17,681	18,416	20,139	20,057	20,088	23,627	22,174	19,089	17,630	19,294
Production	1,000 m.t.	36,869	33,539	29,718	31,211	34,928	35,805	35,513	41,030	42,365	39,263	36,783	44,029
Yield	Q./ha.	17.6	16.1	16.8	16.9	17.3	17.9	17.7	17.4	19.1	20.6	20.9	22.8
Total													
Area	1,000 ha.	31,797	31,987	29,321	30,426	33,014	32,382	32,863	36,604	34,811	29,938	23,437	27,831
Production	1,000 m.t.	52,188	42,679	46,597	52,630	53,098	55,600	59,678	59,259	61,849	60,014	48,035	60,378
Yield	Q./ha.	16.4	13.3	15.9	17.3	16.1	17.2	18.2	16.2	17.8	20.0	20.5	21.7
South America:													
Argentina													
Area	1,000 ha.	3,622	4,421	3,745	5,676	6,136	4,601	5,214	5,812	5,837	5,191	3,701	4,315
Production	1,000 m.t.	4,200	5,725	5,700	8,940	11,260	6,079	6,247	7,320	5,740	7,020	4,920	5,680
Yield	Q./ha.	11.6	12.9	15.2	15.8	18.4	13.2	12.0	12.6	9.8	13.5	13.3	13.2
Brazil													
Area	1,000 ha.	450	400	350	302	301	355	360	420	790	1,144	1,810	2,300
Production	1,000 m.t.	350	205	273	115	250	257	332	365	693	1,146	1,734	2,030
Yield	Q./ha.	7.8	5.1	7.8	3.8	8.3	7.2	9.2	8.7	8.8	10.0	9.6	8.8
Chile													
Area	1,000 ha.	837	849	843	852	850	784	718	700	743	740	727	712
Production	1,000 m.t.	1,122	1,072	1,275	1,319	1,276	1,167	1,204	1,220	1,214	1,307	1,368	900
Yield	Q./ha.	13.4	12.6	15.1	15.5	15.0	14.9	16.8	17.4	16.3	17.7	18.8	12.6
Colombia													
Area	1,000 ha.	160	160	150	113	100	120	110	68	105	73	46	43
Production	1,000 m.t.	142	142	162	90	85	110	125	80	125	80	50	45
Yield	Q./ha.	8.9	8.9	10.8	8.0	8.5	9.2	11.4	11.8	11.9	11.0	10.9	10.5
Ecuador													
Area	1,000 ha.	61	79	71	64	62	63	65	65	70	80	75	70
Production	1,000 m.t.	58	78	67	55	51	55	57	60	68	70	66	60
Yield	Q./ha.	9.5	9.9	9.4	8.6	8.2	8.7	8.8	9.2	9.7	8.8	8.8	8.6
Peru													
Area	1,000 ha.	154	153	154	153	149	153	157	160	130	150	146	139
Production	1,000 m.t.	146	154	153	153	143	147	145	152	120	140	127	122
Yield	Q./ha.	9.5	10.1	9.9	10.0	9.6	9.6	9.2	9.5	9.2	9.3	8.7	8.8

Uruguay														
Area	1,000 ha.	523	436	400	354	527	527	379	222	535	336	337	340	
Production	1,000 m.t.	413	372	452	237	646	547	325	144	470	403	470	302	
Yield	Q./ha.	7.9	8.5	11.3	6.7	12.3	10.4	8.6	6.5	8.8	12.0	13.9	8.9	
Total														
Area	1,000 ha.	5,807	6,498	5,713	7,514	8,125	6,603	7,003	7,447	8,210	7,714	6,842	7,447	
Production	1,000 m.t.	6,431	7,748	8,082	10,909	13,711	8,362	8,435	9,341	8,430	10,166	8,735	9,139	
Yield	Q./ha.	11.1	11.9	14.1	14.5	16.9	12.7	12.0	12.5	10.3	13.2	12.8	12.3	
Europe:														
Belgium														
Area	1,000 ha.	210	212	212	204	219	230	216	203	207	204	189	202	
Production	1,000 m.t.	855	738	844	770	911	864	574	874	855	779	735	915	
Yield	Q./ha.	40.7	34.8	39.8	37.7	41.6	37.6	26.6	43.1	41.3	38.2	38.9	45.3	
France														
Area	1,000 ha.	4,358	3,997	4,570	3,850	4,388	4,520	3,992	3,929	4,090	4,034	3,659	3,977	
Production	1,000 m.t.	11,014	9,573	14,053	10,249	13,838	14,760	11,297	14,287	14,985	14,459	12,922	15,360	
Yield	Q./ha.	25.3	24.0	30.8	26.6	31.5	32.7	28.3	36.4	36.6	35.8	35.3	38.6	
Germany, West														
Area	1,000 ha.	1,396	1,397	1,319	1,382	1,447	1,412	1,389	1,414	1,464	1,494	1,493	1,544	
Production	1,000 m.t.	4,815	3,917	4,453	4,710	5,047	4,218	4,397	5,644	6,012	5,820	5,492	6,928	
Yield	Q./ha.	34.5	28.0	33.8	34.1	34.9	30.0	31.7	39.9	41.1	39.0	36.8	44.9	
Italy														
Area	1,000 ha.	4,553	4,345	4,556	4,394	4,408	4,288	4,274	4,012	4,280	4,218	4,138	3,952	
Production	1,000 m.t.	6,724	8,301	9,497	8,127	8,586	9,776	9,400	9,596	9,655	9,585	9,689	10,070	
Yield	Q./ha.	14.9	19.1	20.8	18.5	19.5	22.8	22.0	23.9	22.6	22.7	23.4	25.5	
Luxembourg														
Area	1,000 ha.	21	20	19	19	19	18	17	15	15	14	11	12	
Production	1,000 m.t.	51	49	45	52	39	46	39	49	45	47	28	39	
Yield	Q./ha.	24.3	24.5	23.7	28.9	20.5	25.6	22.9	32.7	30.0	33.6	25.5	32.5	
Netherlands														
Area	1,000 ha.	126	123	133	126	151	158	148	154	153	155	142	142	
Production	1,000 m.t.	608	482	603	530	737	704	602	757	709	677	643	706	
Yield	Q./ha.	48.3	39.2	45.3	42.1	48.8	44.6	40.7	49.2	46.3	43.7	45.3	49.7	
Total EC 2/														
Area	1,000 ha.	10,664	10,094	10,805	9,975	10,632	10,626	10,036	9,727	10,209	10,119	9,632	9,829	
Production	1,000 m.t.	24,137	23,060	29,495	24,438	29,158	30,368	26,309	31,208	32,261	31,367	29,509	34,018	
Yield	Q./ha.	22.6	22.8	27.3	24.5	27.4	28.6	26.2	32.1	31.6	31.0	30.6	34.6	
Austria														
Area	1,000 ha.	277	276	270	275	283	276	314	316	306	286	275	274	
Production	1,000 m.t.	702	712	706	690	751	661	897	1,045	1,045	950	810	974	
Yield	Q./ha.	25.3	25.8	26.1	25.1	26.5	23.9	28.6	33.1	34.2	33.2	29.5	35.5	
Denmark														
Area	1,000 ha.	82	105	154	135	128	126	94	90	95	97	115	121	
Production	1,000 m.t.	320	434	644	495	541	564	400	421	464	429	512	586	
Yield	Q./ha.	39.0	41.3	41.8	36.7	42.3	44.8	42.6	46.8	48.8	44.2	44.5	48.4	
Finland														
Area	1,000 ha.	181	237	286	239	268	267	209	252	241	203	176	173	
Production	1,000 m.t.	368	461	422	397	463	501	369	507	515	481	409	443	
Yield	Q./ha.	20.3	19.5	14.8	16.6	17.3	18.8	17.7	20.1	21.4	23.7	23.2	25.6	
Greece														
Area	1,000 ha.	1,143	1,067	1,091	935	1,207	1,123	1,018	937	1,027	1,010	920	960	
Production	1,000 m.t.	1,616	1,594	1,769	1,387	2,170	1,989	1,962	1,848	1,515	1,752	1,970	1,933	
Yield	Q./ha.	14.1	14.9	16.2	14.8	18.0	17.7	19.3	19.7	14.8	17.3	21.4	20.1	

(continued)

Table 1.-- WHEAT: Area, production and yield in specified countries, year of harvest[1/] 1960 to 1971 (Continued)

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Europe (Continued):													
Ireland													
Area	1,000 ha.	148	140	127	94	87	74	53	76	90	82	95	91
Production	1,000 m.t.	423	423	395	270	244	209	168	255	368	326	343	377
Yield	Q./ha.	28.6	30.2	31.1	28.7	28.0	28.2	31.7	33.6	40.9	39.8	36.1	41.4
Norway													
Area	1,000 ha.	9	10	10	7	7	4	2	3	5	4	4	3
Production	1,000 m.t.	23	27	20	18	20	12	4	11	16	11	12	10
Yield	Q./ha.	25.6	27.0	20.0	25.7	28.6	30.0	20.0	36.7	32.0	27.5	30.0	33.3
Portugal													
Area	1,000 ha.	738	658	728	740	685	628	523	586	614	563	602	629
Production	1,000 m.t.	492	430	645	592	472	612	312	637	747	452	540	835
Yield	Q./ha.	6.7	6.5	8.9	8.0	6.9	9.7	6.0	10.9	12.2	8.0	9.0	13.3
Spain													
Area	1,000 ha.	4,233	3,880	4,252	4,239	4,136	4,254	4,185	4,258	3,950	3,749	3,700	3,600
Production	1,000 m.t.	3,520	3,431	4,812	4,859	3,977	4,715	4,876	5,650	5,477	4,624	4,060	5,455
Yield	Q./ha.	8.3	8.8	11.3	11.5	9.6	11.1	11.7	13.3	13.9	12.3	11.0	15.2
Sweden													
Area	1,000 ha.	338	257	296	230	259	277	191	254	248	263	265	245
Production	1,000 m.t.	824	839	916	646	1,065	1,038	576	1,130	1,074	917	962	995
Yield	Q./ha.	24.4	32.6	30.9	28.1	41.1	37.5	30.2	44.5	43.3	34.9	36.3	40.6
Switzerland													
Area	1,000 ha.	105	111	103	101	101	104	108	100	108	107	95	94
Production	1,000 m.t.	363	300	397	286	368	335	348	426	416	379	363	385
Yield	Q./ha.	34.6	27.0	38.5	28.3	36.4	32.2	32.2	42.6	38.5	35.4	38.2	41.0
United Kingdom													
Area	1,000 ha.	851	739	913	780	893	1,026	906	933	978	833	1,010	1,097
Production	1,000 m.t.	3,040	2,614	3,974	3,046	3,793	4,171	3,475	3,902	3,469	3,364	4,236	4,815
Yield	Q./ha.	35.7	35.4	43.5	39.1	42.5	40.7	38.4	41.8	35.5	40.4	41.9	43.9
Total Other W. Europe													
Area	1,000 ha.	8,105	7,480	8,230	7,775	8,054	8,159	7,603	7,805	7,662	7,197	7,257	7,285
Production	1,000 m.t.	11,691	11,265	14,700	12,686	13,864	14,807	13,387	15,832	15,106	13,685	14,219	16,542
Yield	Q./ha.	14.4	15.1	17.9	16.3	17.2	18.1	17.6	20.3	19.7	19.0	19.6	22.7
Total Western Europe													
Area	1,000 ha.	18,769	17,574	19,035	17,750	18,686	18,785	17,639	17,532	17,871	17,316	16,889	17,116
Production	1,000 m.t.	35,828	34,325	44,195	37,124	43,022	45,175	39,696	47,040	47,367	45,052	43,728	50,825
Yield	Q./ha.	19.1	19.5	23.2	20.9	23.0	24.1	22.5	26.8	26.5	26.0	25.9	29.7
Bulgaria													
Area	1,000 ha.	1,249	1,311	1,244	1,188	1,194	1,145	1,142	1,064	1,058	1,039	1,014	1,008
Production	1,000 m.t.	2,379	2,028	2,081	1,892	2,118	2,921	3,193	3,254	2,549	2,569	3,032	3,053
Yield	Q./ha.	19.0	15.5	16.7	15.9	17.7	25.5	28.0	30.6	24.1	24.7	29.9	30.3
Czechoslovakia													
Area	1,000 ha.	652	643	673	720	831	826	892	929	999	1,054	1,081	1,130
Production	1,000 m.t.	1,503	1,666	1,644	1,766	1,829	1,992	2,247	2,516	3,153	3,257	3,174	3,978
Yield	Q./ha.	23.1	25.9	24.4	24.5	22.0	24.1	25.2	27.1	31.6	30.9	29.4	35.2

Germany, East													
Area	1,000 ha.	418	377	423	426	433	491	484	533	570	560	598	633
Production	1,000 m.t.	1,456	1,038	1,315	1,280	1,348	1,802	1,521	2,012	2,377	1,987	2,132	2,490
Yield	Q./ha.	34.8	27.5	31.1	30.0	31.1	36.7	31.4	37.7	41.7	35.5	35.7	39.3
Hungary													
Area	1,000 ha.	1,051	1,014	1,095	976	1,112	1,082	1,072	1,160	1,328	1,321	1,276	1,274
Production	1,000 m.t.	1,768	1,936	1,959	1,523	2,059	2,347	2,327	3,004	3,352	3,579	2,718	3,912
Yield	Q./ha.	16.8	19.1	17.9	15.6	18.5	21.7	21.7	25.9	25.2	27.1	21.3	30.7
Poland													
Area	1,000 ha.	1,361	1,401	1,393	1,541	1,626	1,617	1,657	1,723	1,844	1,965	1,985	2,060
Production	1,000 m.t.	2,303	2,792	2,700	3,067	3,042	3,338	3,556	3,857	4,567	4,710	4,608	5,456
Yield	Q./ha.	16.9	19.9	19.4	19.9	18.7	20.6	21.5	22.4	24.8	24.0	23.2	26.5
Romania													
Area	1,000 ha.	2,836	2,969	3,043	2,897	2,959	2,983	3,034	2,913	2,817	2,759	2,321	2,498
Production	1,000 m.t.	3,450	3,990	4,054	3,799	3,824	5,937	5,065	5,820	4,848	4,349	3,356	5,585
Yield	Q./ha.	12.2	13.4	13.3	13.1	12.9	19.9	16.7	20.0	17.2	15.8	14.5	22.4
Yugoslavia													
Area	1,000 ha.	2,060	1,960	2,130	2,140	2,100	1,680	1,830	1,880	2,010	2,019	1,831	1,929
Production	1,000 m.t.	3,570	3,170	3,510	4,140	3,700	3,460	4,600	4,820	4,360	4,880	3,790	5,604
Yield	Q./ha.	17.3	16.2	16.5	19.3	17.6	20.6	25.1	25.6	21.7	24.2	20.7	29.1
Total Eastern Europe													
Area	1,000 ha.	9,627	9,675	10,001	9,888	10,255	9,824	10,111	10,200	10,626	10,717	10,106	10,532
Production	1,000 m.t.	16,429	16,620	17,263	17,467	17,920	21,797	22,509	25,283	25,206	25,331	22,810	30,078
Yield	Q./ha.	17.1	17.2	17.3	17.7	17.5	22.2	22.3	24.8	23.7	23.6	22.6	28.6
Total Europe													
Area	1,000 ha.	28,396	27,249	29,036	27,638	28,941	28,609	27,750	27,732	28,497	28,033	26,993	27,648
Production	1,000 m.t.	52,257	50,945	61,458	54,591	60,942	66,972	62,205	72,323	72,573	70,383	66,538	80,903
Yield	Q./ha.	18.4	18.7	21.2	19.8	21.1	23.4	22.4	26.1	25.5	25.1	24.6	29.3
U.S.S.R. (Europe & Asia)													
Area	1,000 ha.	60,393	63,000	67,411	64,609	67,887	70,205	69,958	67,026	67,231	66,427	65,230	64,000
Production	1,000 m.t.	46,300	52,300	54,400	40,000	57,700	46,500	85,000	64,200	76,500	62,300	82,700	81,900
Yield	Q./ha.	7.7	8.3	8.1	6.2	8.5	6.6	12.2	9.6	11.4	9.4	12.7	12.8
Africa:													
Algeria													
Area	1,000 ha.	1,920	1,689	1,873	1,909	2,185	2,192	1,482	1,998	2,253	2,198	2,297	2,100
Production	1,000 m.t.	1,509	686	1,507	1,590	1,162	1,323	630	1,266	1,534	1,326	1,435	1,600
Yield	Q./ha.	7.9	4.1	8.0	8.3	5.3	6.0	4.3	6.3	6.8	6.0	6.2	7.1
Egypt													
Area	1,000 ha.	612	581	611	565	544	607	542	530	594	523	548	567
Production	1,000 m.t.	1,499	1,436	1,593	1,493	1,500	1,272	1,465	1,299	1,518	1,269	1,516	1,570
Yield	Q./ha.	24.5	24.7	26.1	26.4	27.6	21.0	27.0	24.5	25.6	24.3	27.7	27.7
Ethiopia													
Area	1,000 ha.	855	895	890	910	962	989	1,008	1,029	1,049	1,070	1,090	1,100
Production	1,000 m.t.	600	610	625	640	693	722	739	760	782	808	840	860
Yield	Q./ha.	7.0	7.0	7.0	7.0	7.2	7.3	7.3	7.4	7.5	7.6	7.7	7.8
Kenya													
Area	1,000 ha.	90	97	109	113	119	121	138	151	167	163	162	126
Production	1,000 m.t.	109	84	120	130	144	133	180	243	226	216	177	165
Yield	Q./ha.	12.1	8.7	11.0	11.5	12.1	11.0	13.0	16.1	13.5	13.3	10.9	13.1
Morocco													
Area	1,000 ha.	1,658	1,596	1,467	1,652	1,528	1,658	1,636	1,776	1,930	1,764	1,879	1,885
Production	1,000 m.t.	924	607	1,256	1,196	1,196	1,316	814	1,090	2,411	1,613	1,870	2,210
Yield	Q./ha.	5.6	3.8	8.6	7.2	7.8	7.9	5.0	6.1	12.5	9.1	10.0	11.7

(continued)

Table 1.-- WHEAT: Area, production and yield in specified countries, year of harvest,[1/] 1960 to 1971 (Continued)

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Africa (Continued):													
South Africa													
Area	1,000 ha.	1,023	1,099	1,033	1,190	1,276	1,268	997	1,234	1,670	1,850	1,930	2,010
Production	1,000 m.t.	769	871	703	891	1,075	669	567	1,089	1,270	1,328	1,396	1,670
Yield	Q./ha.	7.5	7.9	6.8	7.5	8.4	5.3	5.7	8.8	7.6	7.2	7.2	8.3
Sudan													
Area	1,000 ha.	16	16	17	23	23	57	57	72	89	110	122	124
Production	1,000 m.t.	25	26	29	31	37	56	69	78	88	123	115	135
Yield	Q./ha.	15.6	16.2	17.1	13.5	16.1	9.8	12.1	10.8	9.9	11.2	9.5	10.9
Tunisia													
Area	1,000 ha.	1,354	942	848	1,130	1,110	1,107	845	815	655	650	750	950
Production	1,000 m.t.	439	242	393	651	421	520	349	282	383	300	450	600
Yield	Q./ha.	3.2	2.6	4.6	5.8	3.8	4.7	4.1	3.5	5.8	4.6	6.0	7.5
Total													
Area	1,000 ha.	7,528	6,895	6,848	7,492	7,747	7,999	6,705	7,605	8,407	8,318	8,778	8,772
Production	1,000 m.t.	5,874	4,562	6,226	6,622	6,228	6,011	4,813	6,107	8,831	6,977	7,799	8,810
Yield	Q./ha.	7.8	6.6	9.1	8.8	8.0	7.5	7.2	8.0	10.5	8.9	8.9	10.0
Asia:													
Afghanistan													
Area	1,000 ha.	2,230	2,230	2,341	2,341	2,345	2,345	2,345	2,842	2,890	2,867	2,870	2,533
Production	1,000 m.t.	2,279	2,279	2,279	1,947	2,250	2,282	2,033	2,400	2,760	2,779	2,351	2,250
Yield	Q./ha.	10.2	10.2	9.7	8.3	9.6	9.7	8.7	8.4	9.6	9.7	8.2	8.9
China, Mainland													
Area	1,000 ha.	26,800	24,600	24,400	24,200	25,500	25,000	24,500	24,500	24,500	24,500	24,300	24,400
Production	1,000 m.t.	22,300	16,500	21,200	22,000	24,000	24,000	23,000	24,500	22,000	23,000	24,500	24,000
Yield	Q./ha.	8.3	6.7	8.6	9.1	9.4	9.6	9.4	10.0	8.8	9.4	10.1	9.8
Cyprus													
Area	1,000 ha.	78	79	68	68	67	63	61	60	46	61	50	65
Production	1,000 m.t.	41	46	66	64	46	91	56	97	66	81	49	90
Yield	Q./ha.	5.3	5.8	9.7	9.4	6.9	14.4	9.2	16.2	14.3	13.3	9.8	13.8
India													
Area	1,000 ha.	13,380	12,927	13,570	13,590	13,499	13,460	12,656	12,838	14,998	15,958	16,626	18,240
Production	1,000 m.t.	10,324	10,997	12,072	10,776	9,853	12,290	10,424	11,393	16,540	18,652	20,093	23,832
Yield	Q./ha.	7.7	8.5	8.9	7.9	7.3	9.1	8.2	8.9	11.0	11.7	12.1	13.1
Iran													
Area	1,000 ha.	3,300	3,400	3,500	3,600	3,400	3,700	4,000	4,300	4,700	4,200	4,200	4,000
Production	1,000 m.t.	2,600	2,800	2,700	3,000	2,600	2,900	3,190	4,000	4,400	3,900	3,800	3,000
Yield	Q./ha.	7.9	8.2	7.7	8.3	7.6	7.8	8.0	9.3	9.4	9.3	9.0	7.5
Iraq													
Area	1,000 ha.	1,271	1,346	1,591	1,705	1,627	1,705	1,737	1,842	2,010	2,089	2,033	1,387
Production	1,000 m.t.	592	857	1,085	488	807	1,005	826	860	1,371	1,189	1,059	814
Yield	Q./ha.	4.7	6.4	6.8	2.9	5.0	5.9	4.8	4.7	6.8	5.7	5.2	5.9
Israel													
Area	1,000 ha.	59	63	48	52	56	72	76	90	102	113	107	113
Production	1,000 m.t.	41	66	52	55	127	150	101	222	175	156	125	200
Yield	Q./ha.	6.9	10.5	10.8	10.6	22.7	20.8	13.3	24.7	17.2	13.8	11.7	17.7

Japan														
Area	1,000 ha.	602	648	642	584	508	476	421	367	322	287	229	166	
Production	1,000 m.t.	1,531	1,781	1,631	716	1,244	1,287	1,024	997	1,012	758	474	440	
Yield	Q./ha.	25.4	27.5	25.4	12.3	24.5	27.0	24.3	27.2	31.4	26.4	20.7	26.5	
Jordan														
Area	1,000 ha.	251	273	285	206	297	279	214	272	264	221	245	299	
Production	1,000 m.t.	44	138	112	76	295	278	101	246	113	183	77	201	
Yield	Q./ha.	1.8	5.1	3.9	3.7	9.9	10.0	4.7	9.0	4.3	8.3	3.1	6.7	
Korea, Republic of														
Area	1,000 ha.	124	124	133	137	146	152	153	152	157	154	159	143	
Production	1,000 m.t.	159	280	268	227	309	300	315	310	345	366	357	322	
Yield	Q./ha.	12.8	22.6	20.2	16.6	21.2	19.7	20.6	20.4	22.0	23.8	22.5	22.5	
Lebanon														
Area	1,000 ha.	52	58	59	60	59	59	59	61	61	61	61	60	
Production	1,000 m.t.	20	35	50	45	40	55	60	70	45	50	50	45	
Yield	Q./ha.	3.8	6.0	8.5	7.5	6.8	9.3	10.2	11.5	7.4	8.2	8.2	7.5	
Nepal														
Area	1,000 ha.	130	135	135	130	140	124	118	126	150	195	190	150	
Production	1,000 m.t.	125	130	135	138	139	152	147	159	216	241	250	150	
Yield	Q./ha.	9.6	9.6	10.0	10.6	9.9	12.3	12.5	12.6	14.4	12.4	13.2	10.0	
Pakistan														
Area	1,000 ha.	4,934	4,696	4,982	5,096	5,076	5,371	5,210	5,417	6,061	6,277	6,349	150	
Production	1,000 m.t.	3,938	3,847	4,066	4,215	4,197	4,626	3,951	4,393	6,477	6,711	7,399	150	
Yield	Q./ha.	8.0	8.2	8.2	8.3	8.3	8.6	7.6	8.1	10.7	10.7	11.7	10.0	
Syria														
Area	1,000 ha.	770	850	1,341	1,340	1,295	1,214	853	900	800	900	850	875	
Production	1,000 m.t.	325	450	1,167	800	900	900	400	650	450	700	500	600	
Yield	Q./ha.	4.2	5.3	8.7	6.0	6.9	7.4	4.7	7.2	5.6	7.8	5.9	6.9	
Turkey														
Area	1,000 ha.	7,700	7,717	7,800	7,850	7,870	7,900	7,950	8,000	8,100	8,300	8,200	8,200	
Production	1,000 m.t.	7,000	6,000	6,750	7,950	7,000	7,430	8,200	9,000	8,400	8,300	8,000	10,700	
Yield	Q./ha.	9.1	7.8	8.7	10.1	8.9	9.4	10.3	11.2	10.4	10.0	9.8	13.0	
Total														
Area	1,000 ha.	61,681	59,146	60,895	60,959	61,885	61,920	60,353	61,767	65,161	66,183	66,479	66,584	
Production	1,000 m.t.	51,319	46,206	53,633	52,497	53,807	57,746	53,828	59,297	64,360	67,066	69,084	73,120	
Yield	Q./ha.	8.3	7.8	8.8	8.6	8.7	9.3	8.9	9.6	9.9	10.1	10.4	11.0	
Oceania:														
Australia														
Area	1,000 ha.	5,439	5,958	6,665	6,668	7,252	7,088	8,427	9,082	10,846	9,486	6,479	7,226	
Production	1,000 m.t.	7,450	6,727	8,353	8,925	10,037	7,067	12,699	7,547	14,804	10,546	7,890	8,651	
Yield	Q./ha.	13.7	11.3	12.5	13.4	13.8	10.0	15.1	8.3	13.7	11.1	12.2	11.0	
New Zealand														
Area	1,000 ha.	76	75	92	83	74	81	94	127	130	111	96	119	
Production	1,000 m.t.	253	213	249	274	250	292	348	442	457	287	327	408	
Yield	Q./ha.	33.3	28.4	27.1	33.0	33.8	36.0	37.0	34.8	35.2	25.9	34.1	34.3	
Total														
Area	1,000 ha.	5,515	6,033	6,757	6,751	7,326	7,169	8,521	9,209	10,976	9,597	6,575	7,345	
Production	1,000 m.t.	7,703	6,940	8,602	9,199	10,287	7,359	13,047	7,989	15,261	10,833	8,217	9,059	
Yield	Q./ha.	14.0	11.5	12.7	13.6	14.0	10.3	15.3	8.7	13.9	11.3	12.5	12.3	
World Total														
Area	1,000 ha.	201,117	200,808	205,981	205,389	214,925	214,887	213,153	217,390	223,293	216,210	204,334	209,652	
Production	1,000 m.t.	222,072	211,380	238,998	226,448	255,773	248,550	287,006	278,516	307,185	287,739	291,108	321,629	
Yield	Q./ha.	11.1	10.5	11.6	11.0	11.9	11.6	13.5	12.8	13.8	13.3	14.2	15.3	

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere is combined with the Southern Hemisphere harvest which begins late in the year and ends early in the next year.

2/ EC data.

Table 2.-- RYE: Area, production and yield in specified countries, year of harvest 1/ 1960 to 1971

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
North America:													
Canada													
Area	1,000 ha.	227	227	253	264	275	302	294	277	275	375	441	387
Production	1,000 m.t.	260	166	306	326	310	424	437	304	331	419	570	557
Yield	Q./ha.	11.5	7.3	12.1	12.3	11.3	14.0	14.9	11.0	12.0	11.2	12.9	14.4
United States													
Area	1,000 ha.	683	624	802	643	686	596	516	403	410	522	578	710
Production	1,000 m.t.	841	694	1,034	741	825	846	706	608	583	767	936	1,252
Yield	Q./ha.	12.3	11.1	12.9	11.5	12.0	14.2	13.7	15.1	14.5	14.7	16.2	17.6
Total													
Area	1,000 ha.	910	851	1,055	907	961	898	810	680	685	897	1,046	1,097
Production	1,000 m.t.	1,101	860	1,340	1,067	1,135	1,270	1,143	912	914	1,186	1,556	1,809
Yield	Q./ha.	12.1	10.1	12.7	11.8	11.8	14.1	14.1	13.4	13.3	13.2	14.9	16.5
South America:													
Argentina													
Area	1,000 ha.	733	694	287	655	773	331	420	565	604	528	360	433
Production	1,000 m.t.	505	510	163	538	652	245	270	352	360	377	181	256
Yield	Q./ha.	6.9	7.3	5.7	8.2	8.4	7.4	6.4	6.2	6.0	7.1	5.0	5.9
Europe:													
Belgium													
Area	1,000 ha.	64	45	40	42	43	35	31	29	28	23	22	25
Production	1,000 m.t.	190	121	123	126	139	100	78	93	89	76	67	89
Yield	Q./ha.	29.7	26.9	30.7	30.0	32.3	28.6	25.2	32.1	31.8	33.0	30.5	35.6
France													
Area	1,000 ha.	317	276	254	248	233	232	209	185	174	164	145	137
Production	1,000 m.t.	447	370	375	383	411	409	378	365	351	330	306	308
Yield	Q./ha.	14.1	13.4	14.8	15.4	17.6	17.6	18.1	19.7	20.2	20.1	21.1	22.5
Germany, West													
Area	1,000 ha.	1,400	1,247	1,147	1,198	1,201	1,179	1,066	1,019	1,008	911	902	906
Production	1,000 m.t.	3,927	2,582	3,033	3,315	3,671	2,868	2,741	3,218	3,247	2,928	2,701	3,093
Yield	Q./ha.	28.1	20.7	26.4	27.7	30.6	24.3	25.7	31.6	32.2	32.1	29.9	34.1
Italy													
Area	1,000 ha.	63	60	56	53	51	48	46	46	42	38	35	29
Production	1,000 m.t.	93	96	93	77	86	83	83	82	75	71	69	54
Yield	Q./ha.	14.8	16.0	16.6	14.5	16.9	17.3	18.0	17.8	17.9	18.7	19.7	18.6
Luxembourg													
Area	1,000 ha.	5	5	2	3	3	5	2	3	2	1	1	2
Production	1,000 m.t.	10	9	6	10	6	10	5	11	7	4	3	5
Yield	Q./ha.	20.0	18.0	30.0	33.3	20.0	20.0	25.0	36.7	35.0	40.0	30.0	25.0
Netherlands													
Area	1,000 ha.	152	120	107	105	106	98	74	73	75	62	57	60
Production	1,000 m.t.	460	301	339	313	356	250	190	239	239	207	172	209
Yield	Q./ha.	30.3	25.1	31.7	29.8	33.6	25.5	25.7	32.7	31.9	33.4	30.2	34.8
Total EC 2/													
Area	1,000 ha.	1,941	1,753	1,606	1,649	1,637	1,597	1,428	1,355	1,329	1,199	1,162	1,159
Production	1,000 m.t.	5,127	3,479	3,969	4,224	4,669	3,720	3,475	4,008	4,008	3,616	3,318	3,758
Yield	Q./ha.	26.4	19.8	24.7	25.6	28.5	23.3	24.3	29.6	30.2	30.2	28.6	32.4
Austria													
Area	1,000 ha.	171	212	209	156	166	157	144	139	142	147	137	145
Production	1,000 m.t.	354	472	467	323	388	316	363	377	413	440	363	448
Yield	Q./ha.	20.7	22.3	22.3	20.7	23.4	20.1	25.2	27.1	29.1	29.9	26.5	30.9
Denmark													
Area	1,000 ha.	157	183	174	116	93	88	46	37	39	39	44	42
Production	1,000 m.t.	454	514	513	319	292	265	136	118	127	126	134	150
Yield	Q./ha.	29.1	28.1	29.5	27.5	31.4	30.1	29.6	31.9	32.6	32.3	30.5	35.7
Finland													
Area	1,000 ha.	111	94	82	76	102	111	93	96	72	74	65	59
Production	1,000 m.t.	186	127	101	124	163	190	119	163	134	134	131	127
Yield	Q./ha.	16.8	13.5	12.3	16.3	16.0	17.1	12.8	17.0	18.6	18.1	20.2	21.5
Greece													
Area	1,000 ha.	29	25	25	20	19	16	13	11	10	8	6	5
Production	1,000 m.t.	28	24	24	20	22	19	15	14	9	8	7	8
Yield	Q./ha.	9.7	9.6	9.6	10.0	11.6	11.9	11.5	12.7	9.0	10.0	11.7	16.0
Norway													
Area	1,000 ha.	1	1	2	1	1	1	1	1	1	1	2	2
Production	1,000 m.t.	4	3	4	3	2	2	1	2	4	4	5	5
Yield	Q./ha.	40.0	30.0	20.0	30.0	20.0	20.0	10.0	20.0	40.0	40.0	25.0	25.0
Portugal													
Area	1,000 ha.	269	299	309	319	312	316	282	239	239	236	233	230
Production	1,000 m.t.	138	119	171	216	167	209	145	175	199	167	157	163
Yield	Q./ha.	5.1	4.0	5.5	6.8	5.4	6.6	5.1	7.3	8.3	7.1	6.7	7.1

(continued)

Table 2.-- RYE: Area, production and yield in specified countries, year of harvest 1/ 1960 to 1971 (Continued)

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Europe (Continued):													
Spain													
Area	1,000 ha.	509	485	486	438	406	393	384	400	371	333	306	285
Production	1,000 m.t.	385	351	453	424	346	349	353	336	364	348	256	269
Yield	Q./ha.	7.6	7.2	9.3	9.7	8.5	8.9	9.2	8.4	9.8	10.5	8.4	9.4
Sweden													
Area	1,000 ha.	104	70	71	38	42	60	39	61	69	72	80	81
Production	1,000 m.t.	230	169	169	79	122	171	85	197	211	184	227	301
Yield	Q./ha.	22.1	24.1	23.8	20.8	29.0	28.5	21.8	32.3	30.6	25.6	28.4	37.2
Switzerland													
Area	1,000 ha.	14	11	16	16	17	15	14	16	17	11	11	12
Production	1,000 m.t.	47	34	65	50	63	51	46	65	55	43	45	51
Yield	Q./ha.	33.6	30.9	40.6	31.3	37.1	34.0	32.9	40.6	32.4	39.1	40.9	42.5
United Kingdom													
Area	1,000 ha.	8	8	7	8	8	7	4	4	4	4	4	6
Production	1,000 m.t.	18	18	17	22	25	21	11	11	11	11	13	18
Yield	Q./ha.	22.5	22.5	24.3	27.5	31.3	30.0	27.5	27.5	27.5	27.5	32.5	30.0
Total Other W. Europe													
Area	1,000 ha.	1,373	1,388	1,381	1,188	1,166	1,164	1,020	1,004	964	925	888	867
Production	1,000 m.t.	1,844	1,831	1,984	1,580	1,590	1,593	1,274	1,458	1,527	1,465	1,338	1,540
Yield	Q./ha.	13.4	13.2	14.4	13.3	13.6	13.7	12.5	14.5	15.8	15.8	15.1	17.8
Total Western Europe													
Area	1,000 ha.	3,314	3,141	2,987	2,837	2,803	2,761	2,448	2,359	2,293	2,124	2,050	2,026
Production	1,000 m.t.	6,971	5,310	5,953	5,804	6,259	5,313	4,749	5,466	5,535	5,081	4,656	5,298
Yield	Q./ha.	20.5	16.9	19.9	20.5	22.3	19.2	19.4	23.2	24.1	23.9	22.7	26.2
Bulgaria													
Area	1,000 ha.	78	71	59	57	58	46	42	31	24	24	22	20
Production	1,000 m.t.	82	70	49	56	64	52	56	38	23	29	28	24
Yield	Q./ha.	10.5	9.9	8.3	9.8	11.0	11.3	13.3	12.3	9.6	12.1	12.7	12.0
Czechoslovakia													
Area	1,000 ha.	431	463	441	426	406	410	395	321	338	275	219	190
Production	1,000 m.t.	895	994	916	880	870	822	790	689	769	687	454	496
Yield	Q./ha.	20.8	21.5	20.8	20.7	21.4	20.0	20.0	21.5	22.8	25.0	20.7	26.1
Germany, East													
Area	1,000 ha.	947	825	811	820	822	822	771	746	735	690	680	668
Production	1,000 m.t.	1,980	1,504	1,623	1,574	2,025	1,800	1,642	1,986	1,936	1,544	1,483	1,754
Yield	Q./ha.	20.9	18.2	20.0	19.2	24.6	21.9	21.3	26.6	26.3	22.4	21.8	26.3
Hungary													
Area	1,000 ha.	301	268	232	208	247	246	220	204	190	183	149	127
Production	1,000 m.t.	354	297	233	215	265	288	242	225	238	235	155	180
Yield	Q./ha.	11.8	11.1	10.0	10.3	10.7	11.7	11.0	11.0	12.5	12.8	10.4	14.2
Poland													
Area	1,000 ha.	5,122	4,880	4,700	4,383	4,404	4,447	4,309	4,274	4,263	4,174	3,413	3,711
Production	1,000 m.t.	7,878	8,356	6,685	7,124	6,964	8,202	7,661	7,645	8,438	8,166	5,433	7,827
Yield	Q./ha.	15.4	17.1	14.2	16.3	15.8	18.4	17.8	17.9	19.8	19.6	15.9	21.1
Romania													
Area	1,000 ha.	98	90	77	80	91	102	91	62	44	42	45	47
Production	1,000 m.t.	103	104	75	78	92	125	100	71	48	47	43	56
Yield	Q./ha.	10.5	11.6	9.7	9.8	10.1	12.3	11.0	11.5	10.9	11.2	9.6	11.9
Yugoslavia													
Area	1,000 ha.	213	180	177	157	157	146	141	138	132	124	112	110
Production	1,000 m.t.	233	191	169	156	175	156	176	171	138	135	127	134
Yield	Q./ha.	10.9	10.6	9.5	9.9	11.1	10.7	12.5	12.4	10.5	10.9	11.3	12.2
Total Eastern Europe													
Area	1,000 ha.	7,190	6,777	6,497	6,131	6,185	6,219	5,969	5,776	5,726	5,512	4,640	4,873
Production	1,000 m.t.	11,525	11,516	9,750	10,083	10,455	11,445	10,667	10,825	11,590	10,843	7,723	10,471
Yield	Q./ha.	16.0	17.0	15.0	16.4	16.9	18.4	17.9	18.7	20.2	19.7	16.6	21.5
Total Europe													
Area	1,000 ha.	10,504	9,918	9,486	8,968	8,988	8,980	8,417	8,135	8,019	7,636	6,690	6,899
Production	1,000 m.t.	18,496	16,826	15,703	15,887	16,714	16,758	15,616	16,291	17,125	15,924	12,379	15,769
Yield	Q./ha.	17.6	17.0	16.6	17.7	18.6	18.7	18.6	20.0	21.4	20.9	18.5	22.9
U.S.S.R. (Europe & Asia)													
Area	1,000 ha.	16,250	16,700	16,938	15,025	16,087	16,030	13,583	12,418	12,269	9,237	10,020	9,500
Production	1,000 m.t.	13,300	15,200	13,700	11,700	12,800	14,500	12,000	11,900	12,700	9,800	10,800	10,600
Yield	Q./ha.	8.2	9.1	8.1	7.8	8.0	9.0	8.8	9.6	10.4	10.6	10.8	11.2
Asia:													
Turkey													
Area	1,000 ha.	670	652	670	693	700	730	732	735	690	700	650	650
Production	1,000 m.t.	650	600	625	850	675	700	780	825	780	770	680	900
Yield	Q./ha.	9.7	9.2	9.3	12.3	9.6	9.6	10.7	11.2	11.3	11.0	10.5	13.8
World Total													
Area	1,000 ha.	29,067	28,815	28,436	26,248	27,509	26,069	23,962	22,533	22,267	18,998	18,766	18,579
Production	1,000 m.t.	34,052	33,996	31,531	30,042	31,976	33,473	29,609	30,280	31,879	28,057	25,596	29,334
Yield	Q./ha.	11.7	11.8	11.1	11.4	11.6	12.4	12.4	13.4	14.3	14.8	13.7	15.8

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere is combined with the Southern Hemisphere harvest which begins late in the year and ends early in the next year.

Table 3.-- BARLEY: Area, production and yield in specified countries, year of harvest,[1/] 1960 to 1971

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
North America:													
Canada													
Area	1,000 ha.	2,775	2,238	2,140	2,493	2,208	2,444	3,019	3,284	3,576	3,859	4,064	5,658
Production	1,000 m.t.	4,212	2,452	3,612	4,804	3,632	4,671	6,558	5,414	7,084	8,238	9,050	13,099
Yield	Q./ha.	15.2	11.0	16.9	19.3	16.4	19.1	21.7	16.5	19.8	21.3	22.3	23.2
Mexico													
Area	1,000 ha.	240	233	193	232	212	226	241	237	251	238	253	200
Production	1,000 m.t.	180	174	151	186	171	193	220	200	253	201	284	185
Yield	Q./ha.	7.5	7.5	7.8	8.0	8.1	8.5	9.1	8.4	10.1	8.4	11.2	9.3
United States													
Area	1,000 ha.	5,608	5,188	4,943	4,558	4,159	3,709	4,148	3,735	3,939	3,868	3,936	4,108
Production	1,000 m.t.	9,340	8,544	9,312	8,553	8,405	8,558	8,537	8,137	9,278	9,298	9,060	10,094
Yield	Q./ha.	16.7	16.5	18.8	18.8	20.2	23.1	20.6	21.8	23.6	24.0	23.0	24.6
Total													
Area	1,000 ha.	8,623	7,659	7,276	7,283	6,679	6,379	7,408	7,256	7,766	7,965	8,253	9,966
Production	1,000 m.t.	13,732	11,170	13,075	13,543	12,208	13,422	15,315	13,715	16,615	17,737	18,394	23,368
Yield	Q./ha.	15.9	14.6	18.0	18.6	18.3	21.0	20.7	18.9	21.4	22.3	22.3	23.4
South America:													
Argentina													
Area	1,000 ha.	719	742	361	695	553	384	411	496	539	458	356	479
Production	1,000 m.t.	773	800	345	1,020	826	404	438	588	556	570	367	553
Yield	Q./ha.	10.8	10.8	9.6	14.7	14.9	10.5	10.7	11.9	10.3	12.4	10.3	11.5
Chile													
Area	1,000 ha.	65	66	66	73	72	72	50	72	44	47	52	67
Production	1,000 m.t.	105	114	116	139	138	140	118	157	80	97	114	139
Yield	Q./ha.	16.2	17.3	17.6	19.0	19.2	19.4	23.6	21.8	18.2	20.3	21.9	20.7
Colombia													
Area	1,000 ha.	56	48	49	58	58	46	55	61	52	52	61	71
Production	1,000 m.t.	106	99	108	118	114	90	95	95	85	75	90	110
Yield	Q./ha.	18.9	20.6	22.0	20.3	19.7	19.6	17.3	15.6	16.3	14.4	14.8	15.5
Ecuador													
Area	1,000 ha.	118	83	105	110	105	105	107	107	107	110	110	110
Production	1,000 m.t.	90	70	84	97	89	96	95	105	110	100	110	100
Yield	Q./ha.	7.6	8.4	8.0	8.8	8.5	9.1	8.9	9.8	10.3	9.1	10.0	9.1
Peru													
Area	1,000 ha.	186	183	180	180	179	176	178	185	180	182	181	180
Production	1,000 m.t.	180	198	185	182	183	179	174	172	146	164	163	165
Yield	Q./ha.	9.7	10.8	10.3	10.1	10.2	10.2	9.8	9.3	8.1	9.0	9.0	9.2
Uruguay													
Area	1,000 ha.	67	49	40	47	39	32	42	30	40	39	41	52
Production	1,000 m.t.	49	29	35	18	40	28	28	14	48	41	46	49
Yield	Q./ha.	7.3	5.9	8.8	3.8	10.3	8.8	6.7	4.7	12.0	10.5	11.2	9.4
Total													
Area	1,000 ha.	1,211	1,171	801	1,163	1,006	815	843	951	962	888	801	959
Production	1,000 m.t.	1,303	1,310	873	1,574	1,390	937	948	1,131	1,025	1,047	890	,116
Yield	Q./ha.	10.8	11.2	10.9	13.5	13.8	11.5	11.2	11.9	10.7	11.8	11.1	11.6
Europe:													
Belgium													
Area	1,000 ha.	105	121	128	134	128	146	160	154	154	155	170	150
Production	1,000 m.t.	382	409	499	482	515	521	486	623	575	557	527	590
Yield	Q./ha.	36.4	33.8	39.0	36.0	40.2	35.7	30.4	40.5	37.3	35.9	31.0	39.3

France													
Area	1,000 ha.	2,089	2,259	2,176	2,538	2,360	2,430	2,642	2,818	2,781	2,859	2,953	2,668
Production	1,000 m.t.	5,716	5,413	6,003	7,384	6,791	7,378	7,421	9,874	9,139	9,452	8,126	8,950
Yield	Q./ha.	27.4	24.0	27.6	29.1	28.8	30.4	28.1	35.0	32.9	33.1	27.5	33.5
Germany, West													
Area	1,000 ha.	980	1,120	1,138	1,144	1,153	1,193	1,288	1,308	1,330	1,387	1,475	1,505
Production	1,000 m.t.	3,124	2,640	3,632	3,454	3,798	3,264	3,753	4,592	4,825	4,796	4,611	5,601
Yield	Q./ha.	31.9	23.6	31.9	30.2	32.9	27.4	29.1	35.1	36.3	34.6	31.3	37.2
Italy													
Area	1,000 ha.	216	220	210	204	197	186	179	181	175	175	179	182
Production	1,000 m.t.	232	279	285	280	252	285	253	295	258	292	315	367
Yield	Q./ha.	10.7	12.7	13.6	13.7	12.8	15.3	14.1	16.3	14.7	16.7	17.6	20.2
Luxembourg													
Area	1,000 ha.	7	7	9	8	9	10	12	13	14	16	18	16
Production	1,000 m.t.	20	19	23	22	19	30	37	46	47	53	44	53
Yield	Q./ha.	25.7	27.1	25.6	27.5	21.1	30.0	30.8	35.4	33.6	33.1	24.4	33.1
Netherlands													
Area	1,000 ha.	69	102	100	101	87	99	120	108	107	99	105	98
Production	1,000 m.t.	291	385	431	387	376	373	416	447	390	389	334	373
Yield	Q./ha.	42.2	37.7	43.1	38.3	43.2	37.7	34.7	41.4	36.4	39.3	31.8	38.1
Total EC 2/													
Area	1,000 ha.	3,466	3,829	3,761	4,129	3,934	4,064	4,401	4,582	4,561	4,691	4,900	4,619
Production	1,000 m.t.	9,765	9,145	10,873	12,009	11,751	11,851	12,366	15,877	15,234	15,539	13,957	15,934
Yield	Q./ha.	28.2	23.9	28.9	29.1	29.9	29.2	28.1	34.7	33.4	33.1	28.5	34.5
Austria													
Area	1,000 ha.	209	188	193	229	227	220	230	232	238	274	290	295
Production	1,000 m.t.	589	512	557	618	605	523	706	772	770	935	913	1,016
Yield	Q./ha.	28.2	27.2	28.9	27.0	26.7	23.8	30.7	33.3	32.4	34.1	31.5	34.4
Denmark													
Area	1,000 ha.	756	799	830	938	950	1,041	1,112	1,170	1,254	1,305	1,352	1,370
Production	1,000 m.t.	2,801	2,808	3,299	3,399	3,900	4,125	4,159	4,382	5,059	5,255	4,813	5,458
Yield	Q./ha.	37.1	35.1	39.7	36.2	41.1	39.6	37.4	37.5	40.3	40.3	35.6	39.8
Finland													
Area	1,000 ha.	213	201	205	262	252	252	321	346	359	373	404	408
Production	1,000 m.t.	440	365	270	492	370	502	597	681	774	840	933	1,054
Yield	Q./ha.	20.7	18.2	13.2	18.8	14.7	19.9	18.6	19.7	21.6	22.5	23.1	25.8
Greece													
Area	1,000 ha.	181	185	186	182	188	231	321	390	352	311	343	379
Production	1,000 m.t.	232	235	252	243	278	412	632	839	487	529	779	795
Yield	Q./ha.	12.8	12.7	13.5	13.4	14.8	17.8	19.7	21.5	13.8	17.0	22.7	21.0
Ireland													
Area	1,000 ha.	133	146	164	174	184	188	187	183	184	198	214	235
Production	1,000 m.t.	411	480	560	548	512	573	610	629	689	734	781	943
Yield	Q./ha.	30.9	32.9	34.1	31.5	27.8	30.5	32.6	34.4	37.4	37.1	36.5	38.3
Norway													
Area	1,000 ha.	145	154	164	179	182	189	188	179	176	188	184	179
Production	1,000 m.t.	400	428	343	463	480	485	405	485	621	486	580	569
Yield	Q./ha.	27.6	27.8	20.9	25.9	26.4	25.7	21.5	27.1	35.3	25.9	31.5	31.8
Portugal													
Area	1,000 ha.	120	127	134	126	110	126	111	107	135	119	105	112
Production	1,000 m.t.	50	52	72	61	46	72	49	73	94	54	54	86
Yield	Q./ha.	4.2	4.1	5.4	4.8	4.2	5.7	4.4	6.8	7.0	4.5	5.1	7.7

(continued)

Table 3. -- BARLEY: Area, production and yield in specified countries, year of harvest,[1/] 1960 to 1971 (Continued)

Continent and Country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 2/
Europe (Continued):													
Spain													
Area	1,000 ha.	1,428	1,450	1,449	1,447	1,381	1,374	1,338	1,499	2,047	2,164	2,157	2,300
Production	1,000 m.t.	1,562	1,744	2,162	2,071	1,927	1,891	2,006	2,576	3,708	3,969	3,092	4,783
Yield	Q./ha.	10.9	12.0	14.9	14.3	14.0	13.8	15.0	17.2	18.1	18.3	14.3	20.8
Sweden													
Area	1,000 ha.	323	333	344	450	439	465	568	530	557	593	610	603
Production	1,000 m.t.	847	945	926	1,155	1,375	1,437	1,408	1,564	1,776	1,575	1,904	2,029
Yield	Q./ha.	26.2	28.4	26.9	25.7	31.3	30.9	24.8	29.5	31.9	26.6	31.2	33.6
Switzerland													
Area	1,000 ha.	26	29	35	32	30	31	32	31	30	37	41	40
Production	1,000 m.t.	76	92	125	95	105	95	107	117	111	130	141	159
Yield	Q./ha.	29.2	31.7	35.7	29.7	33.0	30.6	33.4	37.7	37.0	35.1	34.4	39.8
United Kingdom													
Area	1,000 ha.	1,365	1,549	1,614	1,907	2,036	2,183	2,481	2,439	2,401	2,413	2,243	2,288
Production	1,000 m.t.	4,309	5,054	5,865	6,705	7,523	8,191	8,724	9,215	8,271	8,663	7,529	8,576
Yield	Q./ha.	31.6	32.6	36.3	35.2	36.9	37.5	35.2	37.8	34.4	35.9	33.6	37.5
Total Other W. Europe													
Area	1,000 ha.	4,899	5,161	5,318	5,926	5,979	6,300	6,889	7,106	7,733	7,975	7,943	8,209
Production	1,000 m.t.	11,717	12,715	14,431	15,850	17,121	18,306	19,403	21,333	22,360	23,171	21,523	25,468
Yield	Q./ha.	23.9	24.6	27.1	26.7	28.6	29.1	28.2	30.0	28.9	29.1	27.1	31.0
Total Western Europe													
Area	1,000 ha.	8,365	8,990	9,079	10,055	9,913	10,364	11,290	11,688	12,294	12,666	12,843	12,828
Production	1,000 m.t.	21,482	21,860	25,304	27,859	28,872	30,157	31,769	37,210	37,594	38,710	35,480	41,402
Yield	Q./ha.	25.7	24.3	27.9	27.7	29.1	29.1	28.1	31.8	30.6	30.6	27.6	32.3
Bulgaria													
Area	1,000 ha.	296	305	303	343	358	372	416	387	402	412	403	438
Production	1,000 m.t.	622	612	599	618	764	876	1,064	985	807	905	1,167	1,257
Yield	Q./ha.	21.0	20.1	19.9	18.0	21.3	23.6	25.6	25.5	20.1	22.0	29.0	28.7
Czechoslovakia													
Area	1,000 ha.	707	696	694	692	686	668	690	712	712	780	803	813
Production	1,000 m.t.	1,745	1,581	1,752	1,620	1,429	1,399	1,608	1,936	2,113	2,499	2,280	2,724
Yield	Q./ha.	24.7	22.7	25.2	23.4	20.8	20.9	23.3	27.2	29.7	32.0	28.4	33.5
Germany, East													
Area	1,000 ha.	389	432	374	424	464	497	521	553	595	642	640	656
Production	1,000 m.t.	1,269	947	1,164	1,197	1,496	1,651	1,525	1,927	2,121	2,067	1,926	2,286
Yield	Q./ha.	32.6	21.9	31.1	28.2	32.2	33.2	29.3	34.8	35.6	32.2	30.1	35.7
Hungary													
Area	1,000 ha.	508	522	548	486	522	501	490	448	386	381	284	299
Production	1,000 m.t.	986	984	1,144	869	818	1,012	916	934	904	908	552	782
Yield	Q./ha.	19.4	18.9	20.9	17.9	15.7	20.2	18.7	20.8	23.4	23.8	19.4	26.2
Poland													
Area	1,000 ha.	717	680	663	748	741	688	678	645	628	759	924	899
Production	1,000 m.t.	1,310	1,339	1,315	1,479	1,261	1,445	1,398	1,394	1,478	1,948	2,149	2,450
Yield	Q./ha.	18.3	19.7	19.8	19.8	17.0	21.0	20.6	21.6	23.5	25.7	23.3	27.2
Romania													
Area	1,000 ha.	266	284	250	224	196	233	246	257	292	308	288	329
Production	1,000 m.t.	405	468	419	351	348	485	483	531	590	544	514	600
Yield	Q./ha.	15.2	16.5	16.8	15.7	17.8	20.8	19.6	20.7	20.2	17.7	17.8	18.2

Yugoslavia													
Area	1,000 ha.	363	371	351	350	369	405	394	343	312	299	280	280
Production	1,000 m.t.	529	571	475	524	534	682	713	606	450	459	402	464
Yield	Q./ha	14.6	15.4	13.5	15.0	14.5	16.8	18.1	17.7	14.4	15.4	14.4	16.5
Total Eastern Europe													
Area	1,000 ha.	3,246	3,290	3,181	3,267	3,336	3,364	3,435	3,345	3,327	3,581	3,622	3,714
Production	1,000 m.t.	6,866	6,502	6,868	6,658	6,650	7,550	7,707	8,313	8,463	9,330	8,990	10,563
Yield	Q/ha.	21.2	19.8	21.6	20.4	19.9	22.4	22.4	24.9	25.4	26.1	24.8	28.4
Total Europe													
Area	1,000 ha.	11,611	12,280	12,260	13,322	13,249	13,728	14,725	15,040	15,621	16,247	16,465	16,542
Production	1,000 m.t.	28,348	28,362	32,172	34,517	35,522	37,707	39,476	45,523	46,057	48,040	44,470	51,965
Yield	Q/ha.	24.4	23.1	26.2	25.9	26.8	27.5	26.8	30.3	29.5	29.6	27.0	31.4
USSR (Europe and Asia)													
Area	1,000 ha.	12,100	13,400	16,300	20,400	21,700	19,737	19,396	19,117	19,353	22,484	21,300	21,600
Production	1,000 m.t.	11,400	13,300	15,700	16,400	23,800	19,000	24,000	20,700	24,600	26,800	31,600	28,600
Yield	Q/ha.	9.4	9.9	9.6	8.0	11.0	9.6	12.4	10.8	12.7	11.9	14.8	13.2
Africa:													
Algeria													
Area	1,000 ha.	1,167	950	980	930	562	625	394	558	720	607	688	600
Production	1,000 m.t.	847	212	819	691	277	379	130	340	538	465	350	400
Yield	Q/ha.	7.3	2.2	8.4	7.4	4.9	6.1	3.3	6.1	7.5	7.7	5.1	6.7
Egypt													
Area	1,000 ha.	62	51	55	51	51	53	41	65	65	62	35	40
Production	1,000 m.t.	155	133	146	134	141	130	102	114	126	117	83	100
Yield	Q/ha.	25.0	26.1	26.5	26.3	27.6	24.5	24.9	17.5	19.4	18.9	23.7	25.0
Ethiopia..													
Area	1,000 ha.	950	935	950	970	1,644	1,653	1,673	1,694	1,725	1,747	1,770	1,750
Production	1,000 m.t.	750	748	760	786	1,348	1,372	1,399	1,423	1,499	1,517	1,540	1,500
Yield	Q/ha.	7.9	8.0	8.0	8.1	8.2	8.3	8.4	8.4	8.7	8.7	8.7	8.6
Morocco													
Area	1,000 ha.	1,860	1,561	1,535	1,935	1,717	1,645	1,775	1,807	1,896	1,699	1,700	1,650
Production	1,000 m.t.	1,229	476	1,185	1,463	1,168	1,189	506	1,100	2,223	1,310	1,477	1,675
Yield	Q/ha.	6.6	3.0	7.7	7.6	6.8	7.2	2.9	6.1	11.7	7.7	8.7	10.2
South Africa													
Area	1,000 ha.	30	40	40	40	40	35	35	40	38	30	38	38
Production	1,000 m.t.	27	36	44	38	39	30	31	41	34	20	33	35
Yield	Q/ha.	9.0	9.0	11.0	9.5	9.8	8.6	8.9	10.2	8.9	6.7	8.7	9.2
Tunisia													
Area	1,000 ha.	703	428	319	589	615	582	377	335	365	345	410	350
Production	1,000 m.t.	136	50	103	261	130	180	80	70	130	80	190	140
Yield	Q/ha.	1.9	1.2	3.2	4.4	2.1	3.1	2.1	2.1	3.6	2.3	4.6	4.0
Total Africa													
Area	1,000 ha.	4,772	3,965	3,879	4,515	4,629	4,593	4,295	4,499	4,809	4,490	4,641	4,428
Production	1,000 m.t.	3,144	1,655	3,057	3,373	3,103	3,280	2,248	3,088	4,550	3,509	3,673	3,850
Yield	Q/ha.	6.6	4.2	7.9	7.5	6.7	7.1	5.2	6.9	9.5	7.8	7.9	8.7
Asia:													
Afghanistan													
Area	1,000 ha.	350	350	350	350	350	350	350	350	350	350	320	250
Production	1,000 m.t.	378	378	378	378	380	380	375	375	375	375	360	250
Yield	Q/ha.	10.8	10.8	10.8	10.8	10.9	10.9	10.7	10.7	10.7	10.7	11.3	10.0
China, Mainland													
Area	1,000 ha.	7,082	7,285	7,285	7,082	6,880	6,597	6,374	6,374	6,374	6,374	6,390	6,390
Production	1,000 m.t.	6,532	6,532	6,532	6,970	6,750	6,400	6,100	6,400	6,400	6,400	6,500	6,500
Yield	Q/ha.	9.2	9.0	9.0	9.8	9.8	9.7	9.6	10.0	10.0	10.0	10.2	10.2

(continued)

Table 3.---BARLEY: Area, production and yield in specified countries, year of harvest,1/ 1960 to 1971 (Continued)

Cotinent and Country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Asia (Continued):													
Cyprus													
Area	1,000 ha.	59	60	67	68	71	80	78	80	81	83	55	90
Production	1,000 m.t.	42	46	91	89	66	137	51	86	51	102	50	120
Yield	Q/ha.	7.1	7.7	13.6	13.1	9.3	17.1	6.5	10.8	6.3	12.3	9.1	13.3
India													
Area	1,000 ha.	3,378	3,205	3,312	3,019	2,774	2,684	2,633	2,825	3,375	2,758	2,765	2,597
Production	1,000 m.t.	2,717	2,819	3,150	2,420	2,038	2,523	2,377	2,348	3,504	2,424	2,716	2,865
Yield	Q/ha.	8.0	8.8	9.5	8.0	7.3	9.4	9.0	8.3	10.4	8.8	9.8	11.0
Iran.													
Area	1,000 ha.	1,400	1,500	1,400	1,477	1,350	1,477	1,477	1,480	1,700	1,500	1,500	1,400
Production	1,000 m.t.	900	1,000	950	1,000	900	1,000	1,000	1,020	1,270	1,200	1,200	800
Yield	Q/ha.	6.4	6.7	6.8	6.8	6.7	6.8	6.8	6.9	7.5	8.0	8.0	5.7
Iraq													
Area	1,000 ha.	1,038	1,041	1,189	1,219	1,098	1,097	1,169	1,087	1,218	1,093	1,050	1,000
Production	1,000 m.t.	804	911	1,125	790	623	807	832	855	931	730	700	600
Yield	Q/ha.	7.7	8.8	9.5	6.5	5.7	7.4	7.1	7.9	7.6	6.7	6.7	6.0
Israel													
Area	1,000 ha.	60	70	65	65	73	52	49	43	39	25	17	16
Production	1,000 m.t.	27	62	48	36	117	67	21	56	25	20	14	18
Yield	Q/ha.	4.5	8.9	7.4	5.5	16.0	12.9	4.3	13.0	6.4	8.0	8.2	11.3
Japan													
Area	1,000 ha.	838	692	613	565	478	422	388	352	316	283	225	164
Production	1,000 m.t.	2,301	1,976	1,726	759	1,203	1,234	1,105	1,032	1,021	812	573	503
Yield	Q/ha.	27.5	28.6	28.2	13.4	25.2	29.2	28.5	29.3	32.3	28.7	25.5	30.7
Jordan													
Area	1,000 ha.	75	95	105	76	92	86	64	78	94	83	59	78
Production	1,000 m.t.	13	62	36	23	97	95	23	64	27	53	16	36
Yield	Q/ha.	1.7	6.5	3.4	3.0	10.5	11.0	3.6	8.2	2.9	6.4	2.7	4.6

Korea, Republic of													
Area	1,000 ha.	793	802	831	888	934	1,022	961	963	978	949	911	839
Production	1,000 m.t.	1,370	1,478	1,378	918	1,515	1,807	2,018	1,916	2,084	2,066	1,974	1,857
Yield	Q/ha.	17.3	18.4	16.6	10.3	16.2	17.7	21.0	19.9	21.3	21.8	21.7	22.1
Pakistan													
Area	1,000 ha.	255	217	220	227	200	206	176	185	198	184	191	186
Production	1,000 m.t.	151	137	134	144	124	130	96	104	124	115	128	122
Yield	Q/ha.	5.9	6.8	6.1	6.3	6.2	6.3	5.5	5.6	6.3	6.3	6.7	6.6
Syria													
Area	1,000 ha.	742	727	723	803	765	682	336	450	500	500	550	450
Production	1,000 m.t.	156	335	798	784	637	690	203	300	350	350	500	350
Yield	Q/ha.	2.1	4.6	11.0	9.8	8.3	10.1	6.0	6.7	7.0	7.0	9.1	7.8
Turkey													
Area	1,000 ha.	2,836	2,786	2,800	2,850	2,750	2,770	2,710	2,725	2,730	2,735	2,650	2,650
Production	1,000 m.t.	3,100	2,970	3,200	3,900	2,800	3,100	3,500	3,800	3,500	3,700	3,300	4,100
Yield	Q/ha.	10.9	10.7	11.4	13.7	10.2	11.2	12.9	13.9	12.8	13.5	12.5	15.5
Total Asia													
Area	1,000 ha.	18,906	18,830	18,960	18,689	17,815	17,525	16,765	16,992	17,953	16,917	16,683	16,110
Production	1,000 m.t.	18,491	18,706	19,546	18,211	17,250	18,370	17,701	18,356	19,662	18,347	18,031	18,121
Yield	Q/ha.	9.8	9.9	10.3	9.7	9.7	10.5	10.6	10.8	11.0	10.8	10.8	11.2
Oceania:													
Australia													
Area	1,000 ha.	1,145	965	821	815	835	930	1,011	1,057	1,341	1,521	2,000	2,590
Production	1,000 m.t.	1,542	941	898	984	1,118	949	1,397	834	1,646	1,699	2,351	3,105
Yield	Q/ha.	13.5	9.8	10.9	12.1	13.4	10.2	13.8	7.9	12.3	11.2	11.8	12.0
New Zealand													
Area	1,000 ha.	27	31	35	38	35	34	37	63	64	58	69	87
Production	1,000 m.t.	78	81	95	131	106	114	134	219	233	175	170	215
Yield	Q/ha.	28.9	26.1	27.1	34.5	30.3	33.5	36.2	34.8	36.4	30.2	24.6	24.7
Total Oceania													
Area	1,000 ha.	1,172	996	856	853	870	964	1,048	1,120	1,405	1,579	2,069	2,677
Production	1,000 m.t.	1,620	1,022	993	1,115	1,224	1,063	1,531	1,053	1,879	1,874	2,521	3,320
Yield	Q/ha.	13.8	10.3	11.6	13.1	14.1	11.0	14.6	9.4	13.4	11.9	12.2	12.4
World Total													
Area	1,000 ha.	58,395	58,301	60,332	66,225	65,948	63,741	64,480	64,975	67,869	70,570	70,212	72,232
Production	1,000 m.t.	78,038	75,525	85,416	88,733	94,497	93,779	101,219	103,566	114,388	117,354	119,579	130,340
Yield	Q/ha.	13.4	13.0	14.2	13.4	14.3	14.7	15.7	15.9	16.9	16.6	17.0	18.0

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere is combined with the Southern Hemisphere harvest which begins late in the year and ends early in the next year.
2/ EC data.

Table 4.-- OATS: Area, production and yield in specified countries, year of harvest, 1/ 1960 to 1971

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
North America:													
Canada													
Area	1,000 ha.	3,893	3,457	4,286	3,840	3,315	3,503	3,207	3,009	3,058	3,098	2,893	2,764
Production	1,000 m.t.	6,145	4,379	7,611	6,988	5,508	6,399	5,778	4,691	5,591	5,728	5,672	5,606
Yield	Q./ha.	15.8	12.7	17.8	18.2	16.6	18.3	18.0	15.6	18.3	18.5	19.6	20.3
Mexico													
Area	1,000 ha.	80	85	86	91	91	37	78	53	41	41	60	60
Production	1,000 m.t.	68	68	74	79	80	20	63	48	42	41	63	60
Yield	Q./ha.	8.5	8.0	8.6	8.7	8.8	5.4	8.1	9.1	10.2	10.0	10.5	10.0
United States													
Area	1,000 ha.	10,760	9,667	9,056	8,623	7,996	7,496	7,235	6,520	7,166	7,273	7,543	6,383
Production	1,000 m.t.	16,741	14,665	14,692	14,014	12,371	13,492	11,660	11,522	13,799	14,020	13,313	12,792
Yield	Q./ha.	15.6	15.2	16.2	16.3	15.5	18.0	16.1	17.7	19.3	19.3	17.6	20.0
Total													
Area	1,000 ha.	14,733	13,209	13,428	12,554	11,402	11,000	10,520	9,582	10,265	10,412	10,496	9,207
Production	1,000 m.t.	22,954	19,112	22,377	21,081	17,959	19,911	17,501	16,261	19,432	19,789	19,048	18,458
Yield	Q./ha.	15.6	14.5	16.7	16.8	15.7	18.0	16.6	17.0	18.9	19.0	18.1	20.0
South America:													
Argentina													
Area	1,000 ha.	768	597	412	693	570	421	412	516	443	327	300	357
Production	1,000 m.t.	843	700	487	906	805	480	540	690	490	425	360	475
Yield	Q./ha.	11.0	11.7	11.8	13.1	14.1	11.4	13.1	13.4	11.1	13.0	12.0	13.3
Chile													
Area	1,000 ha.	108	113	115	100	113	95	60	109	81	73	75	84
Production	1,000 m.t.	132	111	134	133	116	123	115	163	95	111	112	111
Yield	Q./ha.	12.2	9.8	11.7	13.3	10.3	12.9	19.2	15.0	11.7	15.2	18.5	13.2
Uruguay													
Area	1,000 ha.	80	86	81	85	81	126	92	54	89	75	83	73
Production	1,000 m.t.	63	64	57	56	86	97	72	33	73	60	78	63
Yield	Q./ha.	7.9	7.4	7.0	6.6	10.6	7.7	7.8	6.1	8.2	6.7	9.4	8.6
Total													
Area	1,000 ha.	956	796	608	878	764	642	564	679	613	475	458	514
Production	1,000 m.t.	1,038	875	678	1,095	1,007	700	727	886	658	596	550	649
Yield	Q./ha.	10.9	11.0	11.2	12.5	13.2	10.9	12.9	13.0	10.7	12.5	12.6	12.6
Europe:													
Belgium													
Area	1,000 ha.	145	141	130	121	111	106	99	105	96	93	84	81
Production	1,000 m.t.	465	462	447	418	397	330	319	397	350	318	227	318
Yield	Q./ha.	32.1	32.8	34.4	34.5	35.8	31.1	32.2	37.8	36.5	34.2	27.0	39.3
France													
Area	1,000 ha.	1,519	1,538	1,454	1,472	1,256	1,229	1,284	1,270	1,142	1,039	981	1,035
Production	1,000 m.t.	2,915	2,754	2,804	3,247	2,680	2,898	3,031	3,411	3,066	2,842	2,556	3,137
Yield	Q./ha.	18.8	17.9	19.3	22.1	21.3	23.6	23.6	26.9	26.8	27.4	26.1	30.3
Germany, West													
Area	1,000 ha.	1,117	1,133	1,280	1,193	1,179	1,113	1,165	1,189	1,226	1,278	1,213	1,178
Production	1,000 m.t.	3,177	2,877	3,610	3,444	3,476	3,027	3,366	3,841	4,135	4,250	3,481	4,113
Yield	Q./ha.	28.4	25.4	28.2	28.9	29.5	27.2	28.9	32.3	33.7	33.3	28.7	34.9
Italy													
Area	1,000 ha.	409	428	411	399	384	367	359	358	323	312	303	289
Production	1,000 m.t.	431	585	597	548	466	527	477	556	390	491	486	501
Yield	Q./ha.	10.5	13.7	14.5	13.7	12.1	14.4	13.3	15.5	12.1	15.7	16.0	17.3

Luxembourg													
Area	1,000 ha.	18	18	19	18	17	16	15	16	16	16	15	15
Production	1,000 m.t.	52	52	49	47	34	39	37	52	48	51	34	44
Yield	Q./ha.	28.9	28.9	25.8	26.1	20.0	24.4	24.7	32.5	30.0	31.9	22.7	29.3
Netherlands													
Area	1,000 ha.	114	123	119	112	103	100	99	88	76	82	55	45
Production	1,000 m.t.	387	431	465	424	420	363	357	365	318	322	201	206
Yield	Q./ha.	33.9	35.0	39.1	37.9	40.8	36.3	36.1	41.5	41.8	39.3	36.5	45.8
Total EC 2/													
Area	1,000 ha.	3,322	3,381	3,413	3,315	3,050	2,931	3,021	3,026	2,879	2,820	2,651	2,643
Production	1,000 m.t.	7,427	7,161	7,972	8,128	7,473	7,184	7,587	8,622	8,307	8,274	6,985	8,319
Yield	Q./ha.	22.4	21.2	23.4	24.5	24.5	24.5	25.1	28.2	28.9	29.3	26.3	31.5
Austria													
Area	1,000 ha.	161	155	151	152	143	136	126	124	119	102	102	98
Production	1,000 m.t.	343	335	332	342	327	274	325	336	324	288	272	284
Yield	Q./ha.	21.3	21.6	22.0	22.5	22.9	20.1	25.8	27.1	27.2	28.2	26.7	29.0
Denmark													
Area	1,000 ha.	198	195	164	186	211	203	234	243	218	205	184	185
Production	1,000 m.t.	681	684	609	671	821	780	864	904	861	765	631	701
Yield	Q./ha.	34.4	35.1	37.1	36.1	38.9	38.4	36.9	37.2	39.5	37.3	34.3	37.9
Finland													
Area	1,000 ha.	490	473	456	444	470	472	479	455	489	483	524	540
Production	1,000 m.t.	1,109	941	616	820	742	1,021	881	940	1,064	1,138	1,330	1,424
Yield	Q./ha.	22.6	19.9	13.5	18.5	15.8	21.6	18.4	20.7	21.8	23.6	25.4	26.4
Greece													
Area	1,000 ha.	128	131	132	117	121	125	122	113	104	96	77	79
Production	1,000 m.t.	149	153	155	136	155	177	174	165	105	119	108	112
Yield	Q./ha.	11.6	11.7	11.7	11.6	12.8	14.2	14.3	14.6	10.1	12.4	14.0	14.1
Ireland													
Area	1,000 ha.	172	149	140	134	117	115	98	96	88	77	68	61
Production	1,000 m.t.	414	370	385	358	304	316	290	285	273	244	207	177
Yield	Q./ha.	24.1	24.8	27.5	26.7	26.0	27.5	29.6	29.7	31.0	31.7	30.4	29.0
Norway													
Area	1,000 ha.	65	62	53	44	52	46	41	45	50	55	68	84
Production	1,000 m.t.	173	174	107	113	126	113	92	123	176	141	227	279
Yield	Q./ha.	26.6	28.1	20.2	25.7	24.2	24.6	22.4	27.3	35.2	25.6	33.4	33.2
Portugal													
Area	1,000 ha.	302	268	288	296	242	271	218	226	224	207	192	216
Production	1,000 m.t.	61	65	104	99	68	99	63	111	129	79	72	132
Yield	Q./ha.	2.0	2.4	3.6	3.3	2.8	3.7	2.9	4.9	5.8	3.8	3.7	3.5
Spain .													
Area	1,000 ha.	556	583	549	527	509	502	469	491	512	498	450	445
Production	1,000 m.t.	431	495	513	466	390	370	442	492	522	533	395	582
Yield	Q./ha.	7.8	8.5	8.8	8.8	7.7	7.4	9.4	10.0	10.2	10.7	8.8	13.1
Sweden													
Area	1,000 ha.	558	518	477	482	475	445	461	455	484	479	509	526
Production	1,000 m.t.	1,176	1,394	1,184	1,156	1,448	1,340	1,154	1,396	1,584	1,129	1,685	1,867
Yield	Q./ha.	21.1	26.9	24.8	24.0	30.5	30.1	25.0	30.7	32.7	23.6	33.1	35.5
Switzerland													
Area	1,000 ha.	14	15	14	12	11	10	10	9	8	10	8	10
Production	1,000 m.t.	44	47	49	35	38	30	33	32	30	36	29	39
Yield	Q./ha.	31.4	31.3	35.0	29.2	34.5	30.0	33.0	35.6	37.5	36.0	36.2	39.0

(continued)

Table 4.-- OATS: Area, production and yield in specified countries, year of harvest, 1/ 1960 to 1971 (Continued)

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Europe (Continued):													
United Kingdom													
Area	1,000 ha.	799	701	615	524	455	410	367	410	382	382	376	363
Production	1,000 m.t.	2,091	1,851	1,775	1,461	1,346	1,232	1,120	1,386	1,224	1,308	1,217	1,368
Yield	Q./ha.	26.2	26.4	28.9	27.9	29.6	30.0	30.5	33.8	32.0	34.2	32.5	37.7
Total Other W. Europe													
Area	1,000 ha.	3,443	3,250	3,039	2,918	2,806	2,735	2,625	2,667	2,678	2,594	2,558	2,610
Production	1,000 m.t.	6,672	6,509	5,829	5,657	5,765	5,752	5,438	6,170	6,292	5,780	6,173	6,965
Yield	Q./ha.	19.4	20.0	19.2	19.4	20.5	21.0	20.7	23.1	23.5	22.3	24.1	26.7
Total Western Europe													
Area	1,000 ha.	6,765	6,631	6,452	6,233	5,856	5,666	5,646	5,693	5,557	5,414	5,209	5,250
Production	1,000 m.t.	14,099	13,670	13,801	13,758	13,238	12,936	13,025	14,792	14,599	14,054	13,158	15,284
Yield	Q./ha.	20.8	20.6	21.4	22.1	22.6	22.8	23.1	26.0	26.3	26.0	25.3	29.1
Bulgaria													
Area	1,000 ha.	180	160	152	133	130	119	113	120	96	76	71	70
Production	1,000 m.t.	218	207	114	133	149	104	182	169	76	78	98	100
Yield	Q./ha.	12.1	12.9	7.5	10.0	11.5	8.7	16.1	14.1	7.9	10.3	13.8	14.3
Czechoslovakia													
Area	1,000 ha.	504	465	448	409	394	375	389	433	409	400	378	400
Production	1,000 m.t.	1,020	959	905	797	669	630	746	968	869	969	776	1,050
Yield	Q./ha.	20.2	20.6	20.2	19.5	17.0	16.8	19.2	22.4	21.2	24.2	20.5	26.2
Germany, East													
Area	1,000 ha.	359	351	372	315	295	260	261	270	256	272	210	230
Production	1,000 m.t.	1,007	855	1,054	807	775	758	703	845	864	841	558	807
Yield	Q./ha.	28.0	24.4	28.3	25.6	26.3	29.2	26.9	31.3	33.7	30.9	26.6	35.1
Hungary													
Area	1,000 ha.	141	110	84	90	71	57	61	55	54	48	44	45
Production	1,000 m.t.	204	139	115	106	55	63	72	86	68	80	58	85
Yield	Q./ha.	14.5	12.6	13.7	11.8	7.7	11.1	11.8	15.6	12.6	16.7	13.2	18.9
Poland													
Area	1,000 ha.	1,641	1,602	1,584	1,682	1,561	1,314	1,381	1,403	1,365	1,367	1,530	1,330
Production	1,000 m.t.	2,774	2,940	2,740	2,830	2,218	2,476	2,594	2,768	2,831	3,063	3,209	3,195
Yield	Q./ha.	16.9	18.4	17.3	16.8	14.2	18.8	18.8	19.7	20.7	22.4	21.0	24.0
Romania													
Area	1,000 ha.	270	244	174	130	89	116	138	127	132	131	131	127
Production	1,000 m.t.	284	275	167	124	79	124	170	163	114	137	117	137
Yield	Q./ha.	10.5	11.3	9.6	9.5	8.9	10.7	12.3	12.8	8.6	10.5	8.9	10.8
Yugoslavia													
Area	1,000 ha.	334	355	310	315	306	321	320	301	285	273	283	265
Production	1,000 m.t.	373	432	305	345	293	338	386	363	295	308	309	312
Yield	Q./ha.	11.2	12.2	9.8	11.0	9.6	10.5	12.1	12.1	10.3	11.3	10.9	11.8
Total Eastern Europe													
Area	1,000 ha.	3,429	3,287	3,124	3,074	2,846	2,562	2,663	2,709	2,597	2,567	2,647	2,467
Production	1,000 m.t.	5,880	5,807	5,400	5,142	4,238	4,493	4,853	5,362	5,117	5,476	5,125	5,686
Yield	Q./ha.	17.1	17.7	17.3	16.7	14.9	17.5	18.2	19.8	19.7	21.3	19.4	23.0
Total Europe													
Area	1,000 ha.	10,194	9,918	9,576	9,307	8,702	8,228	8,309	8,402	8,154	7,981	7,856	7,717
Production	1,000 m.t.	19,978	19,477	19,201	18,927	17,476	17,429	17,878	20,154	19,716	19,530	18,283	20,970
Yield	Q./ha.	19.6	19.6	20.1	20.3	20.1	21.2	21.5	24.0	24.2	24.5	23.3	27.2

U.S.S.R. (Europe & Asia)													
Area	1,000 ha.	12,800	11,500	6,900	5,700	5,700	6,628	7,162	8,668	8,998	9,300	9,200	9,500
Production	1,000 m.t.	10,900	8,700	5,600	3,700	3,900	4,600	7,500	9,700	9,700	10,700	11,800	12,100
Yield	Q./ha.	8.5	7.6	8.1	6.5	6.8	6.9	10.5	11.2	10.8	11.5	12.8	12.7
Africa:													
Algeria													
Area	1,000 ha.	62	59	62	45	49	37	19	37	61	30	40	25
Production	1,000 m.t.	49	22	44	31	36	21	7	26	42	15	20	10
Yield	Q./ha.	7.9	3.7	7.1	6.9	7.3	5.7	3.7	7.0	6.9	5.0	5.0	4.0
Morocco													
Area	1,000 ha.	20	27	20	25	23	22	9	14	20	21	22	21
Production	1,000 m.t.	19	11	20	14	19	18	12	11	25	16	22	21
Yield	Q./ha.	9.5	4.1	10.0	5.6	8.3	8.2	13.3	7.9	12.5	7.6	10.0	10.0
South Africa													
Area	1,000 ha.	200	200	200	200	218	200	200	275	250	210	220	200
Production	1,000 m.t.	117	118	108	103	139	103	98	170	143	110	121	97
Yield	Q./ha.	5.8	5.9	5.4	5.1	6.4	5.1	4.9	6.2	5.7	5.2	5.5	4.9
Total													
Area	1,000 ha.	282	286	282	270	290	259	228	326	331	261	282	246
Production	1,000 m.t.	185	151	172	148	194	142	117	207	210	141	163	128
Yield	Q./ha.	6.6	5.3	6.1	5.5	6.7	5.5	5.1	6.3	6.3	5.4	5.8	5.2
Asia:													
China, Mainland													
Area	1,000 ha.	1,416	1,457	1,416	1,376	1,396	1,335	1,335	1,335	1,350	1,350	1,350	1,350
Production	1,000 m.t.	871	842	871	885	880	800	800	800	800	800	900	900
Yield	Q./ha.	6.2	5.8	6.2	6.4	6.3	6.0	6.0	6.0	5.9	5.9	6.7	6.7
Japan													
Area	1,000 ha.	79	82	84	75	69	62	54	46	41	34	27	30
Production	1,000 m.t.	161	168	150	148	121	137	102	101	93	67	61	60
Yield	Q./ha.	20.4	20.5	17.9	19.7	17.5	22.1	18.9	22.0	22.7	19.7	22.6	20.0
Turkey													
Area	1,000 ha.	430	412	410	400	410	400	400	390	365	351	320	310
Production	1,000 m.t.	450	435	400	475	425	450	450	475	450	468	415	455
Yield	Q./ha.	10.5	10.6	9.8	11.9	10.4	11.2	11.2	12.2	12.3	13.3	13.0	14.7
Total													
Area	1,000 ha.	1,925	1,951	1,910	1,851	1,875	1,797	1,789	1,771	1,756	1,735	1,697	1,690
Production	1,000 m.t.	1,482	1,445	1,421	1,508	1,426	1,387	1,352	1,376	1,343	1,335	1,376	1,415
Yield	Q./ha.	7.7	7.4	7.4	8.1	7.6	7.7	7.6	7.8	7.6	7.7	8.1	8.4
Oceania:													
Australia													
Area	1,000 ha.	1,472	1,253	1,332	1,373	1,415	1,525	1,723	1,368	1,567	1,374	1,553	1,275
Production	1,000 m.t.	1,381	1,000	1,248	1,238	1,271	1,102	1,943	719	1,710	1,247	1,613	1,277
Yield	Q./ha.	9.4	8.0	9.4	9.0	9.0	7.2	11.3	5.3	10.9	9.1	10.4	10.0
New Zealand													
Area	1,000 ha.	17	14	8	11	16	16	9	14	16	21	17	18
Production	1,000 m.t.	43	34	19	28	45	44	28	45	52	58	49	54
Yield	Q./ha.	25.3	24.3	23.7	25.5	28.1	27.5	31.1	32.1	32.5	27.6	28.8	30.0
Total													
Area	1,000 ha.	1,489	1,267	1,340	1,384	1,431	1,541	1,732	1,382	1,583	1,395	1,570	1,293
Production	1,000 m.t.	1,424	1,034	1,267	1,266	1,316	1,146	1,971	764	1,762	1,305	1,662	1,331
Yield	Q./ha.	9.6	8.2	9.5	9.1	9.2	7.4	11.4	5.5	11.1	9.4	10.6	10.3
World Total													
Area	1,000 ha.	42,379	38,927	34,044	31.944	30,164	30,095	30,304	30,800	31.700	31,559	31,277	30,167
Production	1,000 m.t.	57,962	50,794	50,716	47,725	43,278	45,315	47,046	49,348	52,821	53,396	52,882	55,051
Yield	Q./ha.	13.7	13.0	14.9	14.9	14.3	15.0	15.5	16.0	16.6	16.9	16.9	18.2

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere is combined with the Southern Hemisphere harvest which begins late in the year and ends early in the next year.

2/ EC data.

Table 5.-- CORN: Area, production and yield in specified countries, year of harvest, 1/ 1960 to 1971

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
North America:													
Canada													
Area	1,000 ha.	185	162	170	223	267	304	327	355	388	396	484	571
Production	1,000 m.t.	663	742	813	919	1,345	1,515	1,685	1,882	2,062	1,865	2,564	2,946
Yield	Q/ha.	35.8	45.8	47.8	41.2	50.4	49.8	51.5	53.0	53.1	47.1	53.0	51.6
Costa Rica													
Area	1,000 ha.	66	70	72	53	59	60	61	73	75	70	43	47
Production	1,000 m.t.	73	78	73	55	64	64	65	78	78	59	45	50
Yield	Q/ha.	11.1	11.1	10.1	10.4	10.8	10.7	10.7	10.7	10.4	8.4	10.5	10.6
Cuba													
Area	1,000 ha.	166	168	166	162	162	152	162	160	155	160	160	160
Production	1,000 m.t.	165	157	152	140	127	117	127	120	115	125	125	125
Yield	Q/ha.	9.9	9.3	9.2	8.6	7.8	7.7	7.8	7.5	7.4	7.8	7.8	7.8
El Salvador													
Area	1,000 ha.	178	155	198	173	166	193	208	192	200	194	206	230
Production	1,000 m.t.	178	145	213	207	192	203	266	209	258	279	363	375
Yield	Q/ha.	10.0	9.4	10.8	12.0	11.6	10.5	12.8	10.9	12.9	14.4	17.6	16.3
Guatemala													
Area	1,000 ha.	653	627	671	689	699	700	770	748	777	836	844	868
Production	1,000 m.t.	506	518	575	589	644	677	731	690	736	736	760	824
Yield	Q/ha.	7.7	8.3	8.6	8.5	9.2	9.7	9.5	9.2	9.5	8.8	9.0	9.5
Honduras													
Area	1,000 ha.	350	370	400	403	271	279	295	286	287	272	272	308
Production	1,000 m.t.	262	297	299	302	352	356	389	335	353	339	346	359
Yield	Q/ha.	7.5	8.0	7.5	7.5	13.0	12.8	13.2	11.7	12.3	12.5	12.7	11.7
Mexico													
Area	1,000 ha.	5,415	6,391	6,400	6,700	7,200	7,500	7,500	7,500	7,600	7,250	7,700	7,800
Production	1,000 m.t.	5,386	5,561	5,450	6,690	7,500	8,000	8,200	8,000	8,500	6,500	8,700	9,000
Yield	Q/ha.	9.9	8.7	8.5	10.0	10.4	10.7	10.9	10.7	11.2	9.0	11.3	11.5
Nicaragua													
Area	1,000 ha.	131	145	141	139	172	195	202	228	242	209	186	175
Production	1,000 m.t.	119	123	125	142	158	171	176	202	216	182	177	165
Yield	Q/ha.	9.1	8.5	8.9	10.2	9.2	8.8	8.7	8.9	8.9	8.7	9.5	9.4
Panama													
Area	1,000 ha.	77	92	83	94	99	105	108	113	100	102	69	65
Production	1,000 m.t.	59	74	72	76	82	84	84	89	84	88	56	49
Yield	Q/ha.	7.7	8.0	8.7	8.1	8.3	8.0	7.8	7.9	8.4	8.6	8.1	7.9
United States													
Area	1,000 ha.	28,904	23,324	22,552	23,969	22,408	22,417	23,069	24,563	22,655	22,086	23,213	25,920
Production	1,000 m.t.	99,240	91,388	91,604	102,093	88,504	104,217	105,861	123,458	113,023	119,056	105,463	143,290
Yield	Q/ha.	34.3	39.2	40.6	42.6	39.5	46.5	45.9	50.3	49.9	53.9	45.4	55.3
Total													
Area	1,000 ha.	36,125	31,504	30,853	32,605	31,503	31,905	32,702	34,218	32,479	31,575	33,177	36,144
Production	1,000 m.t.	106,240	99,083	99,376	111,213	98,968	115,404	117,584	135,063	125,425	129,229	118,599	157,183
Yield	Q/ha.	29.5	31.5	32.2	34.1	31.4	36.2	36.0	39.5	38.6	40.9	35.7	43.5
South America:													
Argentina													
Area	1,000 ha.	2,744	2,757	2,645	2,970	3,062	3,274	3,450	3,378	3,556	4,017	4,066	3,147
Production	1,000 m.t.	4,850	5,220	4,360	5,350	5,140	7,040	8,000	6,560	6,860	9,360	9,930	5,860
Yield	Q/ha.	17.7	18.9	16.5	18.0	16.8	21.5	23.2	19.4	19.2	23.3	24.4	18.6

Bolivia													
Area	1,000 ha.	213	207	214	218	220	214	203	210	217	218	219	225
Production	1,000 m.t.	260	259	265	270	280	277	269	278	288	289	283	293
Yield	Q/ha.	12.2	12.5	12.4	12.4	12.7	12.9	13.4	13.2	13.2	13.2	12.9	13.0
Brazil													
Area	1,000 ha.	6,886	7,348	7,958	8,106	8,771	8,703	9,274	9,584	9,654	9,858	11,427	10,300
Production	1,000 m.t.	9,036	9,587	10,418	9,408	12,112	11,371	12,824	12,814	12,693	14,161	13,500	12,400
Yield	Q/ha.	13.1	13.0	13.1	11.6	13.8	13.1	13.8	13.4	13.1	14.4	11.8	12.0
Chile													
Area	1,000 ha.	75	74	73	75	73	76	92	89	58	74	77	84
Production	1,000 m.t.	146	159	151	205	221	246	362	321	154	239	258	210
Yield	Q/ha.	19.5	21.5	20.7	27.3	30.3	32.4	39.3	36.1	26.6	32.3	33.5	25.0
Colombia													
Area	1,000 ha.	730	711	697	687	772	869	846	790	740	855	776	870
Production	1,000 m.t.	866	758	754	782	968	871	850	850	800	940	800	870
Yield	Q/ha.	11.9	10.7	10.8	11.4	12.5	10.0	10.0	10.8	10.8	11.0	10.3	10.0
Ecuador													
Area	1,000 ha.	209	198	210	200	201	210	210	212	210	215	220	225
Production	1,000 m.t.	173	144	150	130	160	170	175	185	180	210	220	230
Yield	Q/ha.	8.3	7.3	7.7	6.5	7.7	8.1	8.3	8.7	8.6	9.8	10.0	10.2
Paraguay													
Area	1,000 ha.	92	95	96	115	162	151	173	180	128	187	190	200
Production	1,000 m.t.	110	124	120	150	210	166	225	180	153	259	229	175
Yield	Q/ha.	12.0	13.1	12.5	13.0	13.0	11.0	13.0	10.0	12.0	13.8	12.1	8.8
Peru													
Area	1,000 ha.	324	327	331	339	347	360	377	387	335	394	407	401
Production	1,000 m.t.	442	451	460	480	503	571	595	606	569	638	695	699
Yield	Q/ha.	13.6	13.8	13.9	14.2	14.5	15.9	15.8	15.7	17.0	16.2	17.1	17.4
Uruguay													
Area	1,000 ha.	277	267	236	167	192	213	226	162	176	183	180	177
Production	1,000 m.t.	220	155	206	91	63	180	117	69	129	139	166	120
Yield	Q/ha.	7.9	5.8	8.7	5.4	3.3	8.4	5.2	4.3	7.3	7.6	9.2	6.8
Venezuela													
Area	1,000 ha.	398	389	483	427	443	462	467	616	626	641	588	588
Production	1,000 m.t.	439	420	540	430	475	521	557	633	661	670	710	713
Yield	Q/ha.	11.0	10.8	11.2	10.1	10.7	11.3	11.9	10.3	10.6	10.5	12.1	12.1
Total													
Area	1,000 ha.	11,958	12,373	12,943	13,294	14,254	14,532	15,318	15,598	15,720	16,743	18,150	16,217
Production	1,000 m.t.	16,542	17,277	17,424	17,296	20,132	21,413	23,974	22,466	22,487	26,964	26,791	21,570
Yield	Q/ha.	13.8	14.0	13.5	13.0	14.1	14.7	15.7	14.4	14.3	16.1	14.8	13.3
Europe:													
France													
Area	1,000 ha.	824	975	866	952	893	869	964	1,013	1,022	1,184	1,483	1,636
Production	1,000 m.t.	2,813	2,470	1,864	3,871	2,105	3,420	4,340	4,162	5,379	5,723	7,581	8,771
Yield	Q/ha.	34.1	25.3	21.5	40.7	23.6	39.4	45.0	41.1	52.6	48.3	51.1	53.6
Germany, West													
Area	1,000 ha.	6	8	13	13	18	27	31	42	58	81	99	116
Production	1,000 m.t.	20	23	42	47	61	93	123	190	278	388	506	594
Yield	Q/ha.	33.3	28.8	32.3	36.2	33.9	34.4	39.7	45.2	49.5	47.9	51.2	51.2
Italy													
Area	1,000 ha.	1,188	1,197	1,120	1,121	1,072	1,028	988	1,017	967	999	1,026	936
Production	1,000 m.t.	3,813	3,936	3,263	3,692	3,957	3,317	3,510	3,860	3,991	4,519	4,754	4,469
Yield	Q/ha.	32.1	32.9	29.1	32.9	36.9	32.3	35.5	38.0	41.3	45.2	46.3	47.7
Total EC 2/													
Area	1,000 ha.	2,018	2,180	1,999	2,086	1,983	1,924	1,983	2,072	2,047	2,264	2,608	2,688
Production	1,000 m.t.	6,646	6,429	5,169	7,610	6,123	6,830	7,973	8,212	9,648	10,617	12,841	13,834
Yield	Q/ha.	32.9	29.5	25.9	36.5	30.8	35.5	40.2	39.6	47.2	46.9	49.2	51.5

(continued)

Table 5.-- CORN: Area, production and yield in specified countries, year of harvest, 1/ 1960 to 1971 (Continued)

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Europe (Continued):													
Austria													
Area	1,000 ha.	58	51	54	50	50	50	55	60	74	117	124	125
Production	1,000 m.t.	213	198	193	194	212	187	275	316	399	698	612	722
Yield	Q/ha.	36.7	38.8	35.7	38.8	42.4	37.4	50.0	52.7	53.9	59.7	49.4	57.8
Greece													
Area	1,000 ha.	211	195	178	194	155	147	142	132	137	147	159	163
Production	1,000 m.t.	281	270	266	312	300	310	320	339	375	430	528	585
Yield	Q/ha.	13.3	13.8	14.9	16.1	19.4	21.1	22.5	25.7	27.4	29.3	33.2	35.9
Portugal													
Area	1,000 ha.	468	495	498	488	496	484	473	436	438	427	417	393
Production	1,000 m.t.	466	632	591	523	597	459	565	577	548	553	581	529
Yield	Q/ha.	10.0	12.8	11.9	10.7	12.0	9.5	11.9	13.2	12.5	13.0	13.9	13.5
Spain													
Area	1,000 ha.	428	447	430	487	514	478	482	484	523	525	525	538
Production	1,000 m.t.	1,012	1,067	920	1,171	1,203	1,142	1,154	1,195	1,140	1,507	1,823	2,058
Yield	Q/ha.	23.6	23.9	21.4	24.0	23.4	23.9	23.9	24.7	21.8	28.7	34.7	38.3
Total Other W. Europe													
Area	1,000 ha.	1,165	1,188	1,160	1,219	1,217	1,159	1,152	1,112	1,172	1,216	1,225	1,219
Production	1,000 m.t.	1,972	2,167	1,970	2,200	2,312	2,098	2,314	2,427	2,462	3,188	3,544	3,894
Total Western Europe													
Area	1,000 ha.	3,183	3,368	3,159	3,305	3,200	3,083	3,135	3,184	3,219	3,480	3,833	3,907
Production	1,000 m.t.	8,618	8,596	7,139	9,810	8,435	8,928	10,287	10,638	12,110	13,805	16,385	17,728
Yield	Q/ha.	27.1	25.5	22.6	29.7	26.3	29.0	32.8	33.4	37.6	39.7	42.7	45.4
Bulgaria													
Area	1,000 ha.	634	635	651	660	568	555	574	567	557	578	635	672
Production	1,000 m.t.	1,505	1,424	1,556	1,732	2,056	1,238	2,206	1,971	1,768	2,415	2,375	2,637
Yield	Q/ha.	23.7	22.4	23.9	26.2	31.2	22.3	38.4	34.8	31.7	41.8	37.4	39.2
Czechoslovakia													
Area	1,000 ha.	195	201	237	213	186	161	151	150	138	127	128	142
Production	1,000 m.t.	572	461	471	578	465	393	476	421	453	495	513	579
Yield	Q/ha.	29.3	22.9	19.9	27.1	25.0	24.4	31.5	28.1	32.8	39.0	41.0	40.8
Hungary													
Area	1,000 ha.	1,401	1,340	1,288	1,289	1,209	1,218	1,237	1,237	1,258	1,255	1,189	1,317
Production	1,000 m.t.	3,504	2,715	3,240	3,551	3,509	3,564	3,907	3,522	3,764	4,754	4,013	4,730
Yield	Q/ha.	25.0	20.3	25.2	27.5	29.0	29.3	31.6	28.5	29.9	37.9	33.8	35.9
Romania													
Area	1,000 ha.	3,572	3,428	3,107	3,379	3,319	3,306	3,288	3,221	3,344	3,293	3,084	3,178
Production	1,000 m.t.	5,531	5,740	4,932	6,023	6,692	5,877	8,022	6,858	7,105	7,676	6,536	7,762
Yield	Q/ha.	15.5	16.7	15.9	17.8	20.2	17.8	24.4	21.3	21.2	23.3	21.2	24.4
Yugoslavia													
Area	1,000 ha.	2,570	2,510	2,460	2,410	2,430	2,550	2,500	2,510	2,460	2,397	2,352	2,422
Production	1,000 m.t.	6,160	4,550	5,270	5,380	6,960	5,920	7,980	7,200	6,810	7,821	6,933	7,441
Yield	Q/ha.	24.0	18.1	21.4	22.3	28.6	23.2	31.9	28.7	27.7	32.6	29.5	30.7
Total Eastern Europe													
Area	1,000 ha.	8,372	8,114	7,743	7,951	7,802	7,790	7,750	7,685	7,757	7,650	7,388	7,731
Production	1,000 m.t.	17,272	14,890	15,469	17,264	19,682	16,992	22,591	19,972	19,900	23,161	20,428	23,149
Yield	Q/ha.	20.6	18.4	20.0	21.7	25.2	21.8	29.1	26.0	25.7	30.3	27.7	29.9
Total Europe													
Area	1,000 ha.	11,555	11,482	10,902	11,256	11,002	10,873	10,885	10,869	10,976	11,130	11,221	11,638
Production	1,000 m.t.	25,890	23,498	22,608	27,074	28,117	25,920	32,878	30,611	32,010	36,966	36,813	40,877
Yield	Q/ha.	22.4	20.5	20.7	24.1	25.5	23.8	30.2	28.2	29.2	33.2	32.8	35.1

U.S.S.R. (Europe & Asia)													
Area	1,000 ha.	5,086	7,200	7,005	6,995	5,114	3,177	3,229	3,485	3,350	4,167	3,353	3,300
Production	1,000 m.t.	7,600	12,700	9,800	8,500	9,200	6,400	6,800	8,000	7,400	10,100	7,800	7,100
Yield	Q/ha.	14.9	17.6	14.0	12.2	18.0	20.1	21.1	23.0	22.1	24.2	23.3	21.5
Africa:													
Angola													
Area	1,000 ha.	426	450	530	500	500	500	500	520	600	500	530	530
Production	1,000 m.t.	303	305	400	375	381	340	380	407	540	456	500	500
Yield	Q/ha.	7.1	6.8	7.5	7.5	7.6	6.8	7.6	7.8	9.0	9.1	9.4	9.4
Burundi													
Area	1,000 ha.	90	90	90	90	108	107	110	112	112	243	152	190
Production	1,000 m.t.	90	90	93	92	109	108	110	116	120	237	182	200
Yield	Q/ha.	10.0	10.0	10.3	10.2	10.1	10.1	10.0	10.4	10.7	9.7	12.0	10.5
Cameroon													
Area	1,000 ha.	270	230	265	310	312	301	340	380	382	299	330	335
Production	1,000 m.t.	280	220	285	320	326	356	381	455	457	319	348	355
Yield	Q/ha.	10.4	9.6	10.8	10.3	10.4	11.8	11.2	12.0	12.0	10.7	10.5	10.6
Dahomey													
Area	1,000 ha.	380	376	407	404	419	420	420	420	374	351	376	360
Production	1,000 m.t.	225	220	223	205	228	218	204	230	222	200	216	216
Yield	Q/ha.	5.9	5.8	5.5	5.1	5.4	5.2	4.9	5.5	5.9	5.7	5.7	6.0
Egypt													
Area	1,000 ha.	765	756	769	723	697	526	662	628	655	626	632	641
Production	1,000 m.t.	1,691	1,617	2,004	1,867	1,934	2,141	2,376	2,167	2,300	2,368	2,393	2,635
Yield	Q/ha.	22.1	21.4	26.1	25.8	27.7	40.7	35.9	34.5	35.1	37.9	37.9	41.1
Ethiopia													
Area	1,000 ha.	700	744	758	776	800	816	820	828	838	847	860	870
Production	1,000 m.t.	600	670	682	714	788	812	827	853	880	909	950	960
Yield	Q/ha.	8.6	9.0	9.0	9.2	9.8	10.0	10.1	10.3	10.5	10.7	11.0	11.0
Ghana													
Area	1,000 ha.	230	237	237	202	202	173	318	295	272	275	452	450
Production	1,000 m.t.	230	220	229	183	173	209	402	343	301	304	442	430
Yield	Q/ha.	10.0	9.3	9.3	9.1	8.6	12.1	12.6	11.6	11.1	11.0	9.8	9.6
Ivory Coast													
Area	1,000 ha.	206	187	223	248	254	259	273	285	300	333	328	315
Production	1,000 m.t.	147	99	170	169	176	179	195	224	206	260	231	240
Yield	Q/ha.	7.1	5.3	7.6	6.8	6.9	6.9	7.1	7.8	6.9	7.8	7.1	7.6
Kenya													
Area	1,000 ha.	1,050	1,050	1,150	1,133	1,133	1,133	1,214	1,170	1,214	1,250	1,255	1,255
Production	1,000 m.t.	1,143	1,270	1,397	1,400	1,270	1,270	1,452	1,633	1,542	1,425	1,300	1,500
Yield	Q/ha.	10.9	12.1	12.1	12.4	11.2	11.2	12.0	14.0	12.7	11.4	10.4	11.9
Malagasy													
Area	1,000 ha.	83	83	100	135	96	120	136	137	139	106	114	110
Production	1,000 m.t.	92	81	85	105	96	90	146	141	143	109	113	90
Yield	Q/ha.	11.1	9.8	8.5	7.8	10.0	7.5	10.7	10.3	10.3	10.2	9.9	8.1
Malawi													
Area	1,000 ha.	800	800	809	809	1,020	1,020	864	1,012	1,068	1,000	1,050	1,050
Production	1,000 m.t.	675	700	726	907	1,000	1,200	1,270	1,089	1,153	900	1,100	1,100
Yield	Q/ha.	8.4	8.8	9.0	11.2	9.8	11.8	14.7	10.8	10.8	9.0	10.5	10.5
Morocco													
Area	1,000 ha.	504	410	447	462	454	434	438	461	452	465	493	480
Production	1,000 m.t.	334	106	329	397	320	272	154	255	240	333	276	395
Yield	Q/ha.	6.6	2.6	7.4	8.6	7.0	6.3	3.5	5.5	5.3	7.2	5.6	8.2

(continued)

Table 5.-- CORN: Area, production and yield in specified countries, year of harvest, 1/ 1960 to 1971 (Continued)

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Africa (Continued):													
Mozambique													
Area	1,000 ha.	223	157	161	163	340	460	500	520	500	450	450	450
Production	1,000 m.t.	148	150	143	143	340	440	500	560	500	450	450	500
Yield	Q/ha.	6.6	9.6	8.9	8.8	10.0	9.6	10.0	10.8	10.0	10.0	10.0	11.1
Nigeria													
Area	1,000 ha.	1,000	900	1,000	1,200	1,200	1,000	1,200	1,162	997	1,100	1,100	1,100
Production	1,000 m.t.	914	762	1,016	1,016	1,219	914	1,219	950	1,181	1,219	1,106	1,208
Yield	Q/ha.	9.1	8.5	10.2	8.5	10.2	9.1	10.2	8.2	11.8	11.1	10.1	11.0
Rhodesia													
Area	1,000 ha.	425	410	350	350	375	380	400	400	410	350	400	400
Production	1,000 m.t.	1,014	894	720	716	822	952	1,000	950	1,020	700	900	1,000
Yield	Q/ha.	23.9	21.8	20.6	20.5	21.9	25.1	25.0	23.8	24.9	20.0	22.5	25.0
South Africa													
Area	1,000 ha.	4,225	4,277	4,521	4,774	4,500	4,400	5,310	5,480	5,450	5,200	4,936	5,520
Production	1,000 m.t.	5,275	6,002	6,100	4,279	4,490	5,056	9,638	5,233	4,953	6,179	8,600	9,360
Yield	Q/ha.	12.5	14.0	13.5	9.0	10.0	11.5	18.2	9.5	9.1	11.9	17.4	17.4
Tanzania													
Area	1,000 ha.	400	405	405	445	525	524	1,026	1,132	1,014	1,014	1,015	1,015
Production	1,000 m.t.	450	457	508	738	588	512	1,150	560	678	536	650	650
Yield	Q/ha.	11.2	11.3	12.5	16.6	11.2	9.8	11.2	4.9	6.7	5.3	6.4	6.4
Uganda													
Area	1,000 ha.	141	178	171	160	193	284	306	204	300	300	295	295
Production	1,000 m.t.	190	196	190	176	220	300	273	230	333	333	335	335
Yield	Q/ha.	13.5	11.0	11.1	11.0	11.4	10.6	8.9	11.3	11.1	11.3	11.4	11.4
Zaire													
Area	1,000 ha.	270	240	270	275	275	275	308	330	330	330	330	330
Production	1,000 m.t.	235	226	232	237	237	241	297	361	358	330	330	340
Yield	Q/ha.	8.7	9.4	8.6	8.6	8.6	8.8	9.6	10.9	10.8	10.0	10.0	10.3
Zambia													
Area	1,000 ha.	100	100	100	107	112	167	167	160	160	150	160	160
Production	1,000 m.t.	200	200	200	212	292	420	460	400	400	375	400	450
Yield	Q/ha.	20.0	20.0	20.0	19.8	26.1	25.1	27.5	25.0	25.0	25.0	25.0	28.1
Total													
Area	1,000 ha.	12,288	12,080	12,763	13,266	13,515	13,299	15,312	15,635	15,567	15,189	15,256	15,856
Production	1,000 m.t.	14,236	14,494	15,723	14,251	15,009	16,030	22,434	17,157	17,527	17,947	20,400	22,734
Yield	Q/ha.	11.6	12.0	12.3	10.7	11.1	12.1	14.7	10.8	11.3	11.3	13.4	14.3
Asia:													
Afghanistan													
Area	1,000 ha.	500	500	500	500	505	500	505	500	553	559	500	450
Production	1,000 m.t.	700	700	700	713	720	720	720	768	773	785	700	350
Yield	Q/ha.	14.0	14.0	14.0	14.3	14.3	14.4	14.3	15.4	14.0	14.0	14.0	7.8
China, Mainland													
Area	1,000 ha.	11,845	11,990	12,135	12,280	12,425	12,570	12,715	12,860	13,005	13,150	13,295	13,440
Production	1,000 m.t.	13,828	16,435	19,765	19,765	20,272	21,358	21,720	25,521	23,530	24,254	26,426	25,340
Yield	Q/ha.	11.7	13.7	16.3	16.1	16.3	17.0	17.1	19.8	18.1	18.4	19.9	18.9
China, Rep. of (Taiwan):													
Area	1,000 ha.	14	15	18	19	20	19	22	24	21	19	23	22
Production	1,000 m.t.	21	27	36	35	42	41	52	64	51	45	57	57
Yield	Q/ha.	15.0	18.0	20.0	18.4	21.0	21.6	23.6	26.7	24.3	23.7	24.8	26.1

India													
Area	1,000 ha.	4,407	4,507	4,643	4,582	4,618	4,765	5,074	5,583	5,716	5,862	5,852	5,637
Production	1,000 m.t.	4,080	4,312	4,607	4,561	4,458	4,760	4,894	6,269	5,701	5,674	7,486	5,026
Yield	Q/ha.	9.3	9.6	9.9	10.0	10.1	10.0	9.6	11.2	10.0	9.7	12.8	8.9
Indonesia													
Area	1,000 ha.	2,640	2,462	3,175	2,559	3,646	2,507	3,778	2,547	3,269	2,384	3,017	3,700
Production	1,000 m.t.	2,460	2,283	3,243	2,358	3,769	2,365	3,717	2,369	3,102	2,293	2,888	3,774
Yield	Q/ha.	9.3	9.3	10.2	9.2	10.3	9.4	9.8	9.3	9.5	9.6	9.6	10.2
Japan													
Area	1,000 ha.	44	43	42	39	36	30	26	21	18	14	12	11
Production	1,000 m.t.	113	116	104	104	84	75	63	61	51	40	33	29
Yield	Q/ha.	25.7	27.0	24.8	26.7	23.3	25.0	24.2	29.0	28.3	28.6	27.5	26.4
Khmer Republic													
Area	1,000 ha.	88	101	115	127	137	89	117	113	102	86	94	100
Production	1,000 m.t.	118	152	183	204	139	136	150	154	118	137	122	100
Yield	Q/ha.	13.4	15.0	15.9	16.1	10.1	15.3	12.8	13.6	11.6	15.9	12.9	10.0
Korea, Rep. of													
Area	1,000 ha.	23	24	26	32	35	49	42	50	42	44	47	40
Production	1,000 m.t.	14	16	18	20	35	40	34	60	63	63	68	64
Yield	Q/ha.	6.1	6.7	6.9	6.3	10.0	8.2	8.1	12.0	15.0	14.3	14.5	16.0
Pakistan													
Area	1,000 ha.	488	482	465	505	490	546	557	611	620	651	643	633
Production	1,000 m.t.	446	495	488	530	531	543	590	795	629	669	720	705
Yield	Q/ha.	9.1	10.3	10.5	10.5	10.8	9.9	10.6	13.0	10.1	10.3	11.2	11.1
Philippines													
Area	1,000 ha.	2,045	2,016	1,950	1,898	1,923	2,106	2,158	2,248	2,256	2,420	2,392	2,432
Production	1,000 m.t.	1,210	1,266	1,273	1,293	1,313	1,380	1,490	1,619	1,733	2,008	2,005	2,013
Yield	Q/ha.	5.9	6.3	6.5	6.8	6.8	6.6	6.9	7.2	7.7	8.3	8.4	8.3
Thailand													
Area	1,000 ha.	285	298	321	388	541	562	590	674	707	690	720	720
Production	1,000 m.t.	544	598	665	858	935	1,021	1,122	1,242	1,466	1,568	1,950	2,200
Yield	Q/ha.	19.1	20.1	20.7	22.1	17.3	18.2	19.0	18.4	20.7	22.7	27.1	30.6
Turkey													
Area	1,000 ha.	695	705	667	670	680	650	655	675	655	659	648	635
Production	1,000 m.t.	750	1,000	650	825	820	800	1,000	1,080	1,000	1,000	1,040	1,100
Yield	Q/ha.	10.8	14.2	9.7	12.3	12.1	12.3	15.3	16.0	15.3	15.2	16.0	17.3
Total													
Area	1,000 ha.	23,074	23,143	24,057	23,599	25,056	24,393	26,239	25,906	26,964	26,538	27,243	27,820
Production	1,000 m.t.	24,284	27,400	31,732	31,266	33,318	33,239	35,552	40,002	38,217	38,536	43,495	40,728
Yield	Q/ha.	10.5	11.8	13.2	13.2	13.3	13.6	13.5	15.4	14.2	14.5	16.0	14.6
Oceania:													
Australia													
Area	1,000 ha.	75	85	85	87	86	80	82	81	66	80	86	91
Production	1,000 m.t.	159	186	189	171	175	125	190	181	149	192	212	203
Yield	Q/ha.	21.2	21.9	22.2	19.7	20.3	15.6	23.2	22.3	22.6	24.0	24.7	22.3
New Zealand													
Area	1,000 ha.	3	3	3	4	4	3	3	6	7	8	15	18
Production	1,000 m.t.	10	14	15	19	24	19	18	36	55	57	105	143
Yield	Q/ha.	33.3	46.7	50.0	47.5	60.0	63.3	60.0	60.0	78.6	71.3	70.0	79.4
Total													
Area	1,000 ha.	78	88	88	91	90	83	85	87	73	88	101	109
Production	1,000 m.t.	169	200	204	190	199	144	208	217	204	249	317	346
Yield	Q/ha.	21.7	22.7	23.2	20.9	22.1	17.3	24.5	24.9	27.9	28.3	31.4	31.7
World Total													
Area	1,000 ha.	100,164	97,870	98,611	101,279	100,534	98,262	103,770	105,798	105,129	105,430	108,501	111,084
Production	1,000 m.t.	195,372	194,640	196,867	209,790	204,943	218,850	239,430	253,516	243,270	259,991	254,215	290,538
Yield	Q/ha.	19.5	19.9	20.0	20.7	20.4	22.1	23.1	24.0	23.1	24.7	23.4	26.2

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere is combined with the Southern Hemisphere harvest which begins late in the year and ends early in the next year.

2/ EC data.

Table 6. -- SORGHUM: Area, production and yield in specified countries, year of harvest,1/ 1960 to 1971

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
North America:													
El Salvador													
Area	1,000 ha.	87	98	105	95	87	111	108	104	114	114	124	130
Production	1,000 m.t.	82	84	112	95	88	106	115	108	124	128	147	153
Yield	Q/ha.	9.4	8.6	10.7	10.0	10.1	9.5	10.6	10.4	10.9	11.2	11.9	11.8
Mexico													
Area	1,000 ha.	116	117	118	198	276	314	576	665	857	900	940	900
Production	1,000 m.t.	209	291	296	402	526	747	1,411	1,605	2,128	2,200	2,350	2,200
Yield	Q/ha.	18.0	24.9	25.1	20.3	19.1	23.8	24.5	24.1	24.8	24.4	25.0	24.4
United States													
Area	1,000 ha.	6,314	4,446	4,683	5,393	4,752	5,273	5,185	6,066	5,621	5,438	5,491	6,597
Production	1,000 m.t.	15,747	10,198	12,962	14,869	12,441	17,087	18,162	19,186	18,575	18,541	17,363	22,245
Yield	Q/ha.	24.9	27.4	27.7	27.6	26.2	32.4	35.0	31.6	33.0	34.1	31.6	33.7
Total North America													
Area	1,000 ha.	6,517	4,661	4,906	5,686	5,115	5,698	5,869	6,835	6,592	6,452	6,555	7,627
Production	1,000 m.t.	16,038	12,573	13,370	15,366	13,055	17,940	19,688	20,899	20,827	20,869	19,794	24,598
Yield	Q/ha.	24.6	27.0	26.7	27.0	25.5	31.5	33.5	30.6	31.6	32.3	30.2	32.3
South America:													
Argentina													
Area	1,000 ha.	553	646	574	724	588	844	764	1,083	1,302	1,872	2,235	1,419
Production	1,000 m.t.	1,252	1,394	952	1,267	857	2,130	1,380	1,897	2,484	3,820	4,660	2,360
Yield	Q/ha.	22.6	21.6	16.6	17.5	14.6	25.2	18.1	17.5	19.1	20.4	20.8	16.6
Colombia													
Area	1,000 ha.	--	--	4	5	24	30	30	40	30	47	75	91
Production	1,000 m.t.	--	--	8	12	56	70	60	90	60	100	150	200
Yield	Q/ha.	--	--	20.0	24.0	23.3	23.3	20.0	22.5	20.0	21.3	20.0	22.0
Uruguay													
Area	1,000 ha.	--	--	--	31	32	28	32	38	41	44	54	44
Production	1,000 m.t.	--	--	--	17	16	41	28	30	51	35	72	55
Yield	Q/ha.	--	--	--	5.5	5.0	14.6	8.8	7.9	12.4	8.0	13.3	12.5
Total South America													
Area	1,000 ha.	553	646	578	760	644	902	826	1,161	1,373	1,963	2,364	1,554
Production	1,000 m.t.	1,252	1,394	960	1,296	929	2,241	1,468	2,017	2,595	3,955	4,882	2,615
Yield	Q/ha.	22.6	21.6	16.6	17.1	14.4	24.8	17.8	17.4	18.9	20.1	20.6	16.8
Europe:													
France													
Area	1,000 ha.	6	13	10	20	24	33	51	64	57	55	54	55
Production	1,000 m.t.	11	19	25	63	62	90	143	152	204	200	176	224
Yield	Q/ha.	18.3	14.6	25.0	31.5	25.8	27.3	28.0	23.8	35.8	36.4	32.6	40.7
Italy													
Area	1,000 ha.	--	4	6	6	6	6	6	6	6	6	5	5
Production	1,000 m.t.	--	12	18	24	25	21	22	20	19	21	16	10
Yield	Q/ha.	--	30.0	30.0	40.0	41.7	35.0	36.7	33.3	31.7	35.0	32.0	20.0
Total EC													
Area	1,000 ha.	6	17	16	26	30	39	57	70	63	61	59	60
Production	1,000 m.t.	11	31	43	87	87	111	165	172	223	221	192	234
Yield	Q/ha.	18.3	18.2	26.9	33.5	29.0	28.5	28.9	24.6	35.4	36.2	32.5	39.0

Spain																
Area	1,000 ha.	--	--	--	--	--	--	20	26	17	31	55	47	45		
Production	1,000 m.t.	--	--	--	--	--	--	43	40	44	91	156	175	148		
Yield	Q/ha.	--	--	--	--	--	--	21.5	15.4	25.9	29.4	28.4	37.2	32.9		
Total Europe																
Area	1,000 ha.	6	17	16	26	30	59	83	87	94	116	106	105			
Production	1,000 m.t.	11	31	43	87	87	154	205	216	314	377	367	382			
Yield	Q/ha.	18.3	18.2	26.9	33.5	29.0	26.1	24.7	24.8	33.4	32.5	34.6	36.4			
Africa:																
Burundi																
Area	1,000 ha.	40	40	80	95	108	113	119	113	113	99	79	90			
Production	1,000 m.t.	48	48	80	100	114	122	127	121	123	51	96	100			
Yield	Q/ha.	12.0	12.0	10.0	10.5	10.6	10.8	10.7	10.7	10.9	5.2	12.1	11.1			
Egypt																
Area	1,000 ha.	190	192	191	203	208	210	217	220	224	199	210	210			
Production	1,000 m.t.	603	631	659	729	740	806	859	881	906	813	874	897			
Yield	Q/ha.	31.7	32.9	34.5	35.9	35.6	38.4	39.6	40.0	40.4	40.9	41.6	42.7			
Ghana																
Area	1,000 ha.	134	150	155	162	166	156	204	145	151	145	135	135			
Production	1,000 m.t.	79	100	105	109	115	90	128	98	83	82	77	86			
Yield	Q/ha.	5.9	6.7	6.8	6.7	6.9	5.8	6.3	6.8	5.5	5.7	5.7	6.4			
Morocco																
Area	1,000 ha.	36	100	111	155	120	82	90	89	90	90	90	80			
Production	1,000 m.t.	20	40	68	92	76	52	36	58	80	41	60	51			
Yield	Q/ha.	5.6	4.0	6.1	5.9	6.3	6.3	4.0	6.5	8.9	4.6	6.7	6.4			
Niger																
Area	1,000 ha.	442	338	344	485	453	465	546	530	557	596	605	500			
Production	1,000 m.t.	290	249	281	352	315	266	277	342	300	289	337	300			
Yield	Q/ha.	6.6	7.4	8.2	7.3	7.0	5.7	5.1	6.5	5.4	4.8	5.6	6.0			
Rwanda																
Area	1,000 ha.	162	164	112	112	118	105	130	130	129	126	142	130			
Production	1,000 m.t.	197	148	168	127	147	131	135	140	123	126	156	130			
Yield	Q/ha.	12.2	9.0	15.0	11.3	12.5	12.5	10.4	10.8	9.5	10.0	11.0	10.0			
South Africa																
Area	1,000 ha.	248	199	268	303	434	469	580	203	254	323	327	327			
Production	1,000 m.t.	335	181	272	249	438	335	844	207	232	445	559	556			
Yield	Q/ha.	13.5	9.1	10.1	8.2	10.1	7.1	14.6	10.2	9.1	13.8	17.1	17.0			
Sudan																
Area	1,000 ha.	1,288	1,477	1,477	1,377	1,326	1,344	1,341	1,974	1,186	1,825	1,974	1,900			
Production	1,000 m.t.	1,051	1,434	1,266	1,348	1,138	1,094	875	1,980	870	1,499	1,529	1,500			
Yield	Q/ha.	8.2	9.7	8.6	9.8	8.6	8.1	6.5	10.0	7.3	8.2	7.7	7.9			
Uganda																
Area	1,000 ha.	242	291	293	296	319	310	208	233	229	275	275	275			
Production	1,000 m.t.	192	235	235	280	300	300	271	268	254	332	332	332			
Yield	Q/ha.	7.9	8.1	8.0	9.5	9.4	9.7	13.0	11.5	11.1	12.1	12.1	12.1			
Upper Volta																
Area	1,000 ha.	661	908	1,042	908	1,173	1,200	1,000	1,312	831	1,094	1,041	1,070			
Production	1,000 m.t.	306	411	508	718	878	750	540	604	530	547	563	576			
Yield	Q/ha.	4.6	4.5	4.9	7.9	7.5	6.2	5.4	4.6	6.4	5.0	5.4	5.4			
Total Africa																
Area	1,000 ha.	3,443	3,859	4,073	4,096	4,425	4,454	4,435	4,949	3,764	4,772	4,878	4,717			
Production	1,000 m.t.	3,121	3,477	3,642	4,104	4,261	3,946	4,092	4,699	3,501	4,225	4,583	4,528			
Yield	Q/ha.	9.1	9.0	8.9	10.0	9.6	8.9	9.2	9.5	9.3	8.9	9.4	9.6			

(continued)

Table 6.--SORGHUM: Area, production and yield in specified countries, year of harvest,1/ 1960 to 1971 (continued)

Continent and country	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Asia:													
India													
Area	1,000 ha.	18,412	18,249	18,414	18,376	17,938	17,504	18,054	18,422	18,731	18,605	17,374	16,802
Production	1,000 m.t.	9,814	8.029	9,748	9,198	9,749	7,527	9,224	10.048	9,804	9,721	8,105	7,753
Yield	Q/ha.	5.3	4.4	5.3	5.0	5.4	4.3	5.1	5.5	5.2	5.2	4.7	4.6
Israel													
Area	1,000 ha.	6	19	16	12	39	30	4	10	9	7	4	6
Production	1,000 m.t.	16	34	43	40	80	67	13	24	21	16	11	20
Yield	Q/ha.	26.7	17.9	26.9	33.3	20.5	22.3	32.5	24.0	23.3	22.9	27.5	33.3
Pakistan.													
Area	1,000 ha.	476	514	487	468	586	594	559	585	474	491	558	563
Production	1,000 m.t.	221	249	252	238	293	274	277	291	262	283	330	345
Yield	Q/ha.	4.6	4.8	5.2	5.1	5.0	4.6	5.0	5.0	5.5	5.8	5.9	6.1
Thailand													
Area	1,000 ha.	--	--	--	4	9	29	56	43	35	32	38	48
Production	1,000 m.t.	--	--	--	8	20	73	114	70	65	60	100	135
Yield	Q/ha.	--	--	--	20.0	22.2	25.2	20.4	16.3	18.6	18.8	26.3	28.1
Total Asia													
Area	1,000 ha.	18,894	18,782	18,917	18,860	18,572	18,157	18,673	19,060	19,249	19,135	17,974	17,419
Production	1,000 m.t.	10,051	8,312	10,043	9,484	10,142	7,941	9,628	10,433	10,152	10.080	8,546	8,253
Yield	Q/ha.	5.3	4.4	5.3	5.0	5.5	4.4	5.2	5.5	5.3	5.3	4.8	4.7
Oceania:													
Australia													
Area	1,000 ha.	103	147	158	148	140	175	203	187	210	359	552	486
Production	1,000 m.t.	163	255	279	215	195	195	319	288	294	547	1,297	1,102
Yield	Q/ha.	15.8	17.3	17.7	14.5	13.9	11.1	15.7	15.4	14.0	15.2	23.5	22.7
World Total													
Area	1,000 ha.	29,516	28,112	28,648	29,576	28,926	29,445	30,089	32,279	31,282	32,797	32,430	31,908
Production	1,000 m.t.	30,636	26,042	28,402	30,549	28,669	32,417	35,400	38,552	37,684	40,053	39,535	41,478
Yield	Q/ha.	10.4	9.3	9.9	10.3	9.9	11.0	11.8	11.9	12.0	12.2	12.2	13.1

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere is combined with the Southern Hemisphere harvest which begins late in the year and ends early in the next year.

Table 7.--WHEAT, COARSE GRAINS, ALL GRAINS: World area, production and yield, year of harvest, 1960 to 1972

	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972 1/
Wheat:														
Area	Mil. ha.	201.1	200.8	206.0	205.4	214.9	214.9	213.2	217.4	223.3	216.2	204.3	209.7	206.5
Production	Mil. m.t.	222.1	211.4	239.0	226.4	255.8	248.6	287.0	278.5	307.2	287.7	291.1	321.4	304.0
Yield	Q./ha.	11.1	10.5	11.6	11.0	11.9	11.6	13.5	12.8	13.8	13.3	14.2	15.3	14.7
Coarse grains:														
Area	Mil. ha.	259.5	252.0	250.1	255.3	253.1	248.5	252.6	256.6	258.2	259.4	261.2	264.0	261.0
Production	Mil. m.t.	396.2	381.0	392.9	406.9	403.3	423.9	452.7	475.3	480.0	498.9	491.7	547.0	524.9
Yield	Q./ha.	15.3	15.1	15.7	15.9	15.9	17.1	17.9	18.5	18.6	19.2	18.8	20.3	20.1
All grains:														
Area	Mil. ha.	460.6	452.8	456.1	460.7	468.0	463.4	465.8	474.0	481.5	475.6	465.5	473.7	467.5
Production	Mil. m.t.	618.2	592.4	631.9	633.3	658.1	672.4	739.7	753.8	787.2	786.6	782.9	868.4	828.9
Yield	Q./ha.	13.4	13.1	13.9	13.7	14.1	14.5	15.9	15.9	16.3	16.5	16.8	18.3	17.7

1/ Preliminary.

Table 8.---ALL GRAINS1/: Production in selected trading areas, year of harvest, 1960 to 1972
(In million of metric tons)

Area	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972 2/
Major foreign exporters:													
Canada	25.4	15.5	27.7	32.7	27.1	30.7	37.0	28.4	32.8	34.9	26.9	36.6	33.4
Australia	10.7	9.1	11.0	11.5	12.8	9.4	16.5	9.6	18.6	14.2	13.4	14.4	9.2
Argentina	12.4	14.3	12.0	18.0	19.5	16.4	16.9	17.4	16.5	21.6	20.4	15.2	22.4
Total	48.5	38.9	50.7	62.2	59.4	56.5	70.4	55.4	67.9	70.7	60.7	66.2	65.0
Other major trading areas:													
EC	53.3	49.6	57.8	56.7	59.4	60.2	58.0	68.2	69.7	69.7	66.8	76.1	77.7
Other Western Europe	33.9	34.5	39.0	38.0	40.7	42.6	41.8	47.2	47.8	47.5	47.0	54.6	54.3
Eastern Europe	58.0	55.4	54.8	56.6	58.9	62.3	68.3	69.8	70.3	74.1	65.1	80.0	81.1
USSR	89.5	102.2	99.2	80.3	107.4	91.0	135.3	114.5	130.9	119.7	144.7	140.3	121.6
China, Mainland	43.5	40.3	48.4	49.6	51.9	52.6	51.6	57.2	50.7	54.5	58.3	56.7	53.9
Japan	4.1	4.0	3.6	1.7	2.7	2.7	2.3	2.2	2.2	1.7	1.1	1.0	.7
Total	282.3	286.0	302.8	282.9	321.0	311.4	357.3	359.1	371.6	367.2	383.0	408.7	389.3
All other foreign	108.6	106.5	119.1	116.7	120.7	124.5	131.6	135.4	150.1	147.8	156.4	157.7	152.2
Total foreign	439.4	431.4	472.6	461.8	501.4	492.4	559.3	549.9	589.6	585.7	600.1	632.6	606.8
United States	178.8	161.0	159.3	171.5	157.5	180.0	180.4	203.9	197.6	200.9	182.9	233.7	222.1

1/ Wheat, rye, barley, oats, corn, and sorghum. 2/ Preliminary.

Table 9.--COARSE GRAINS1/: Production in selected trading areas, year of harvest, 1960 to 1972
(In millions of metric tons)

Area	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972 2/
Major foreign exporters:													
Canada	11.3	7.7	12.4	13.0	10.8	13.0	14.4	12.3	15.0	16.2	17.9	22.2	18.9
Australia	3.2	2.4	2.6	2.6	2.7	2.4	3.8	2.0	3.8	3.7	5.5	5.7	3.3
Argentina	8.2	8.6	6.3	9.1	8.3	10.3	10.7	10.1	10.8	14.6	15.5	9.7	14.3
Total	22.7	18.7	21.3	24.7	21.8	25.7	28.9	24.4	29.6	34.5	38.9	37.6	36.5
Other major trading areas:													
EC	29.2	26.5	28.3	32.1	30.1	29.8	31.7	37.0	37.5	38.3	37.3	42.1	42.6
Other Western Europe	22.2	23.2	24.3	25.2	26.8	27.8	28.5	31.4	32.7	33.7	32.8	38.0	38.9
Eastern Europe	41.5	38.7	37.5	39.1	41.0	40.5	45.8	44.5	45.1	48.8	42.3	49.9	50.2
USSR	43.2	49.9	44.8	40.3	49.7	44.5	50.3	50.3	54.4	57.4	62.0	58.4	59.3
China, Mainland	21.2	23.8	27.2	27.6	27.9	28.6	28.6	32.7	30.7	31.5	33.8	32.7	30.4
Japan	2.6	2.3	2.0	1.0	1.4	1.4	1.3	1.2	1.2	.9	.7	.6	.4
Total	159.9	164.4	164.1	165.3	176.9	172.6	186.2	197.1	201.6	210.6	208.9	221.7	221.8
All other foreign	71.7	70.4	77.9	76.6	82.1	81.4	92.7	90.9	93.5	92.1	97.8	98.0	86.5
Total foreign	254.3	253.5	263.3	266.6	280.8	279.7	307.8	312.4	324.7	337.2	345.6	357.3	344.8
United States	141.9	127.5	129.6	140.3	122.5	144.2	144.9	162.9	155.3	161.7	146.1	189.7	180.1

1/ Rye, barley, oats, corn, and sorghum. 2/ Preliminary.

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Table 10.--ALL GRAINS1/: Area in selected trading areas, year of harvest, 1960 to 1972
(In millions of hectares)

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972 2/
Major foreign exporters:													
Canada	17.0	16.3	17.7	18.0	18.1	18.0	18.9	19.1	19.2	17.8	12.9	17.2	17.0
Australia	8.2	8.4	9.1	9.1	9.7	9.8	11.4	11.8	14.0	12.8	10.7	11.7	9.8
Argentina	9.1	9.9	8.0	11.4	11.7	9.9	10.7	11.9	12.3	12.4	11.0	10.2	12.0
Total	34.3	34.6	34.8	38.5	39.5	37.7	41.0	42.8	45.5	43.0	34.6	39.1	38.8
Other major trading areas:													
EC	21.5	21.3	21.7	21.2	21.3	21.2	21.0	20.8	21.4	21.2	21.0	21.0	21.1
Other Western Europe	19.0	18.5	19.1	19.0	19.2	19.5	19.3	19.7	20.2	19.9	19.9	20.2	20.1
Eastern Europe	31.9	31.1	30.5	30.3	30.4	29.8	29.9	29.7	30.0	30.0	28.4	29.3	29.5
USSR	106.6	111.8	114.6	112.7	116.5	115.8	113.3	110.7	111.2	111.6	109.1	107.9	109.6
China, Mainland	47.1	45.3	45.2	44.9	46.2	44.5	44.9	45.1	44.2	45.4	45.3	45.6	44.9
Japan	1.6	1.5	1.4	1.3	1.1	1.0	.9	.8	.7	.6	.5	.4	.3
Total	227.7	229.5	232.5	229.4	234.7	231.8	229.3	226.8	227.7	228.7	224.2	224.4	225.5
All other foreign	125.3	124.6	129.1	131.2	133.7	134.4	135.3	139.5	146.3	145.6	148.3	147.2	146.6
Total foreign	387.3	388.7	396.4	399.1	407.9	403.9	405.6	409.1	419.5	417.3	407.1	410.7	410.7
United States	73.3	64.1	59.7	61.6	60.1	59.5	60.2	64.9	62.0	58.3	58.4	63.0	57.7

1/ Wheat, rye, barley, oats, corn, and sorghum. 2/ Preliminary.

Table 11.--ALL GRAINS1/: Yield in selected trading areas, year of harvest, 1960 to 1972
(In quintals per hectare)

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972 2/
Major foreign exporters:													
Canada	14.9	9.5	15.6	18.2	15.0	17.1	19.6	14.9	17.1	19.6	20.9	21.3	19.6
Australia	13.0	10.8	12.1	12.6	13.2	9.6	14.5	8.1	13.3	11.1	12.5	12.3	9.4
Argentina	13.6	14.4	15.0	15.8	16.7	16.6	15.8	14.6	13.4	17.4	18.5	14.9	18.7
Total	14.1	11.2	14.6	16.2	15.0	15.0	17.2	12.9	14.9	16.4	17.5	16.9	16.8
Other major trading areas:													
EC	24.8	23.3	26.6	26.7	27.9	28.4	27.6	32.8	32.6	32.9	31.8	36.2	36.8
Other Western Europe	17.8	18.6	20.4	20.0	21.2	21.8	21.7	24.0	23.7	23.9	23.6	27.0	27.0
Eastern Europe	18.2	17.8	18.0	18.7	19.4	20.9	22.8	23.5	23.4	24.7	22.9	27.3	27.5
USSR	8.4	9.1	8.7	7.1	9.2	7.9	11.9	10.3	11.8	10.7	13.3	13.0	11.1
China, Mainland	9.2	8.9	10.7	11.0	11.2	11.8	11.5	12.7	11.5	12.0	12.9	12.4	12.0
Japan	25.6	26.7	25.7	13.1	24.5	27.0	25.6	27.5	31.4	28.3	22.0	25.0	23.3
Total	12.4	12.5	13.0	12.3	13.7	13.4	15.6	15.8	16.3	16.1	17.1	18.2	17.3
All other foreign	8.7	8.5	9.2	8.9	9.0	9.3	9.7	9.7	10.3	10.2	10.5	10.7	10.4
Total foreign	11.3	11.1	11.9	11.6	12.3	12.2	13.8	13.4	14.1	14.0	14.7	15.4	14.8
United States	24.4	25.1	26.7	27.8	26.2	30.3	30.0	31.4	31.9	34.5	31.3	37.1	38.5

1/ Wheat, rye, barley, oats, corn, and sorghum. 2/ Preliminary.